

FIG. 1

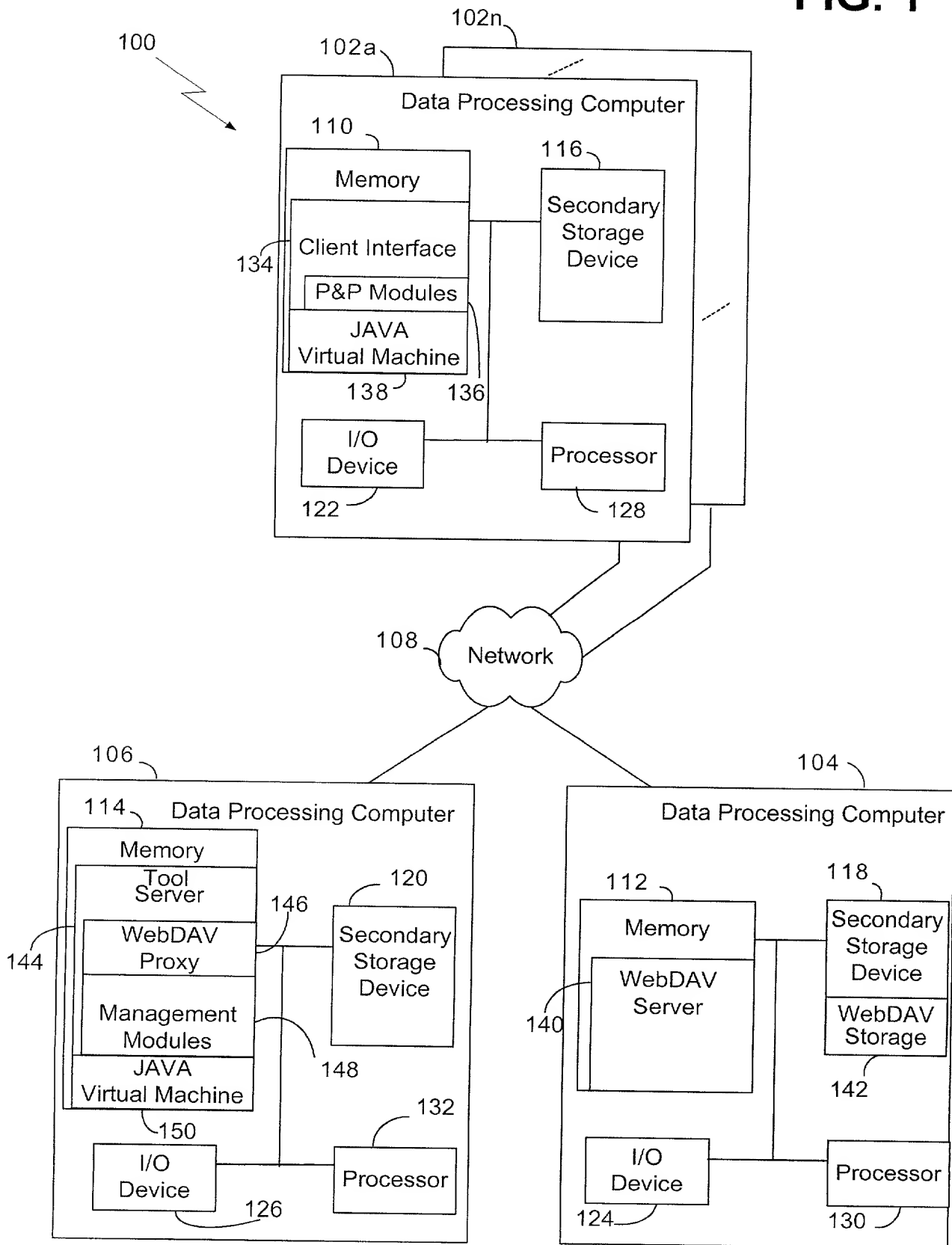


FIG. 2

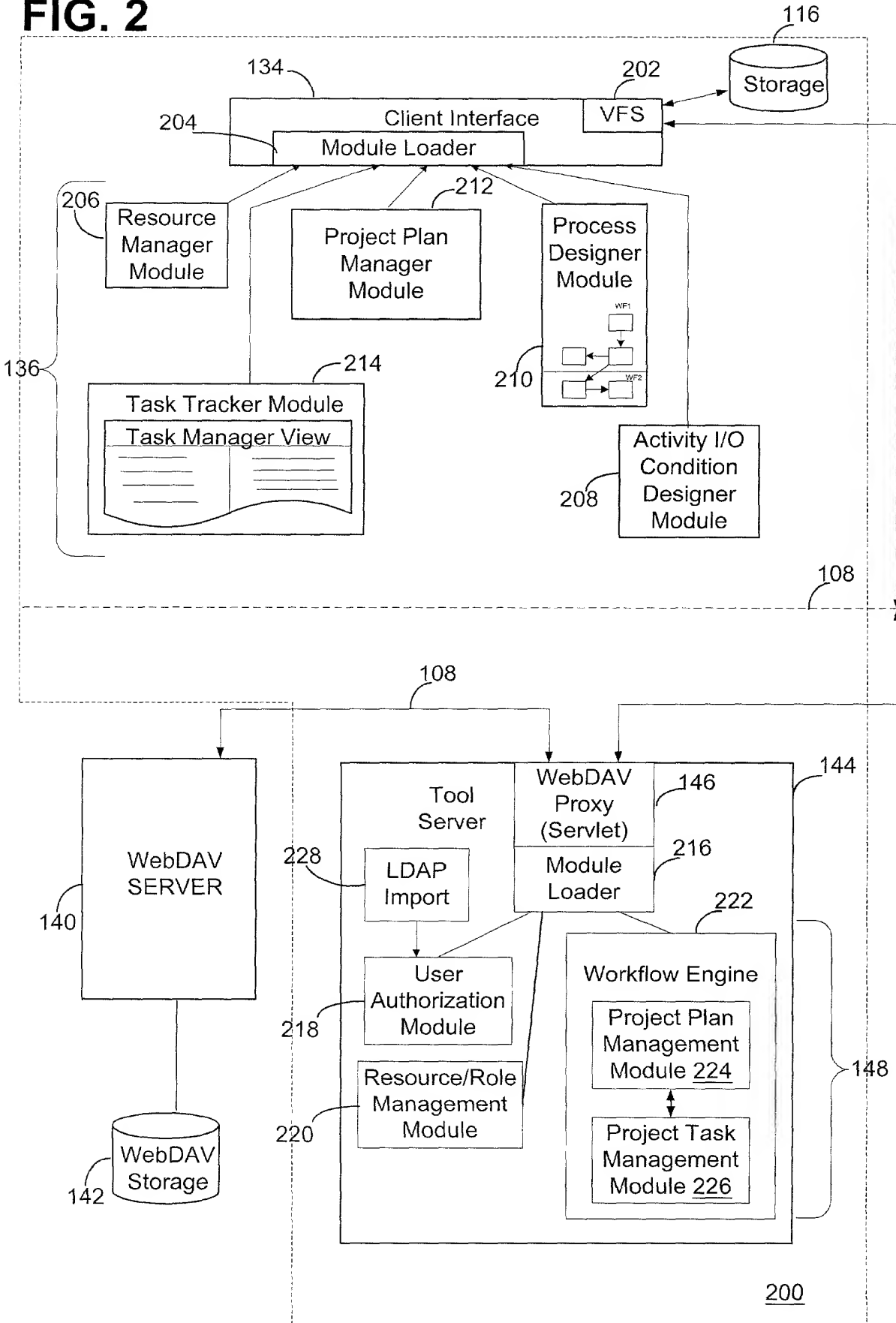


FIG. 3

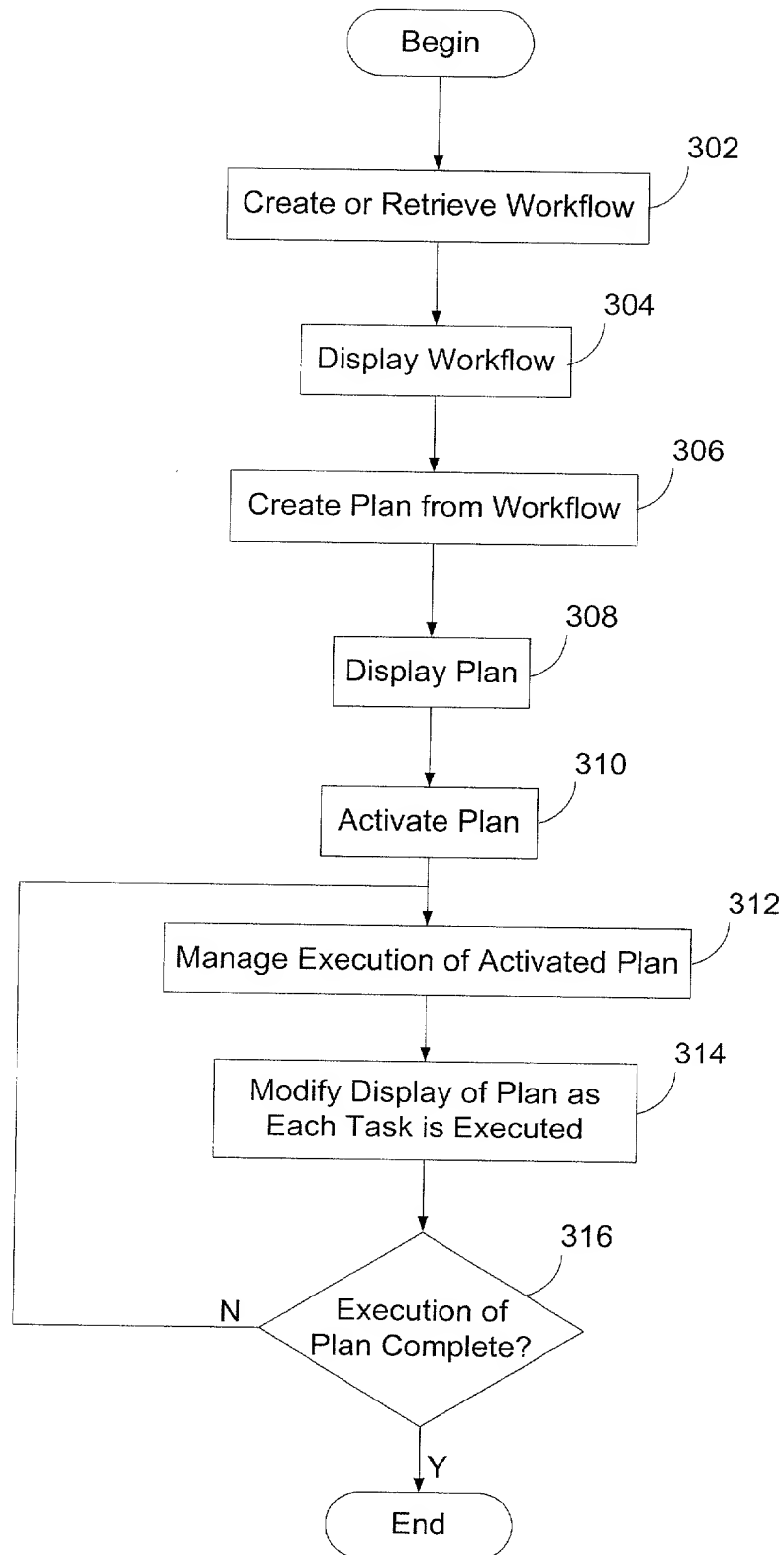


FIG. 4

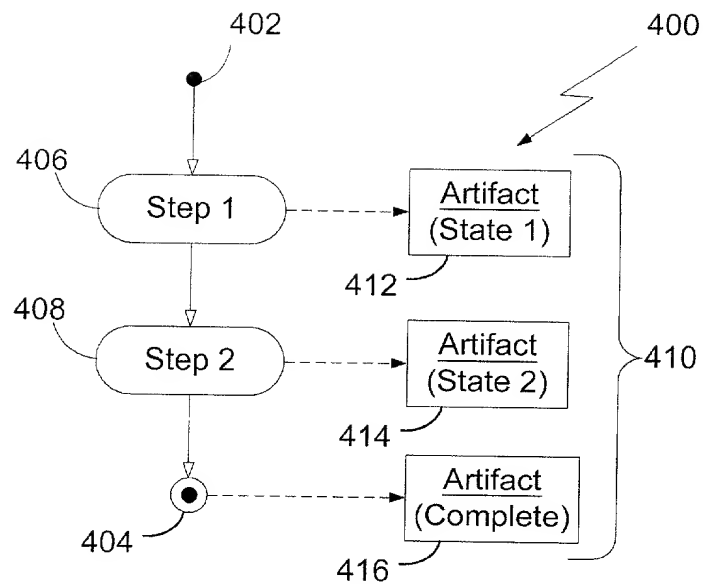


FIG. 5

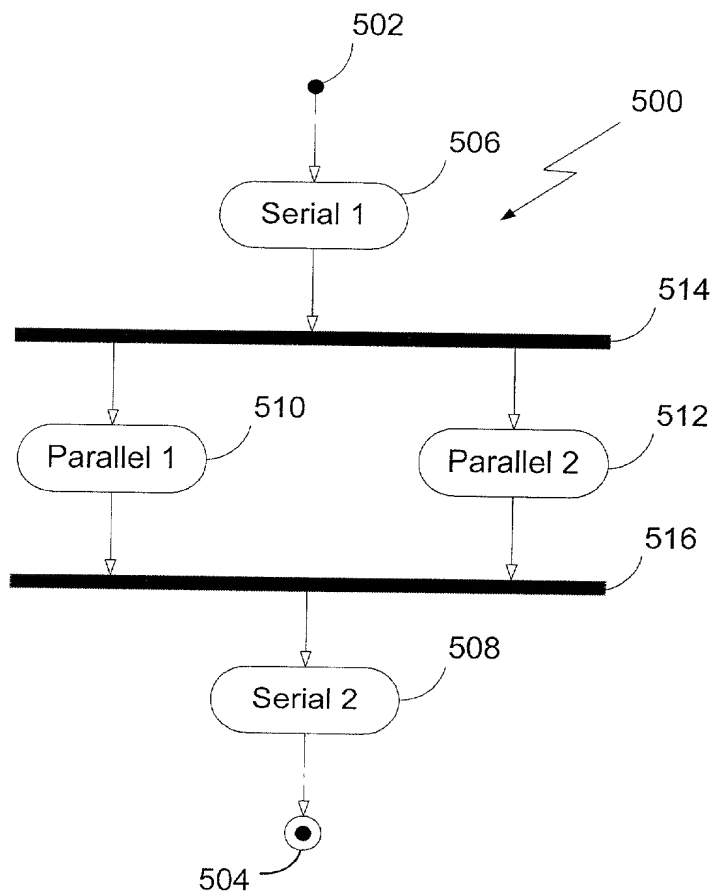


FIG. 6

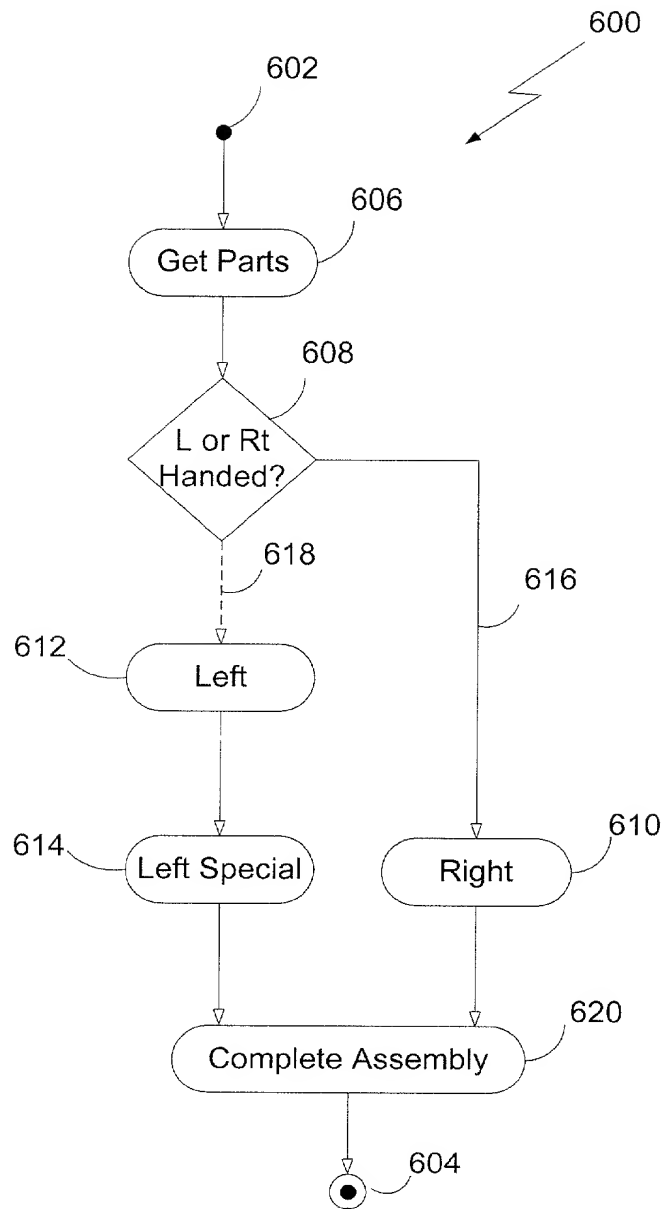


FIG. 7

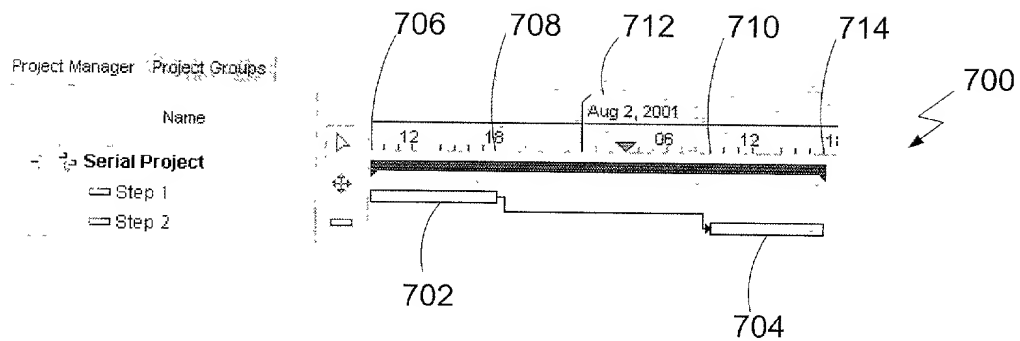


FIG. 8

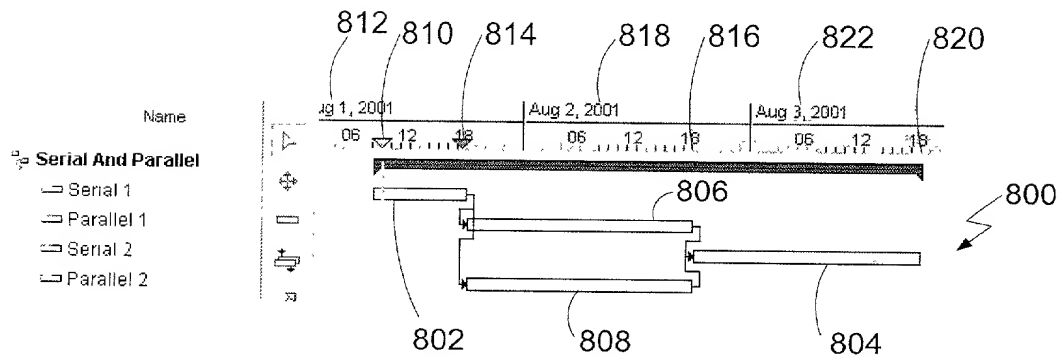


FIG. 9

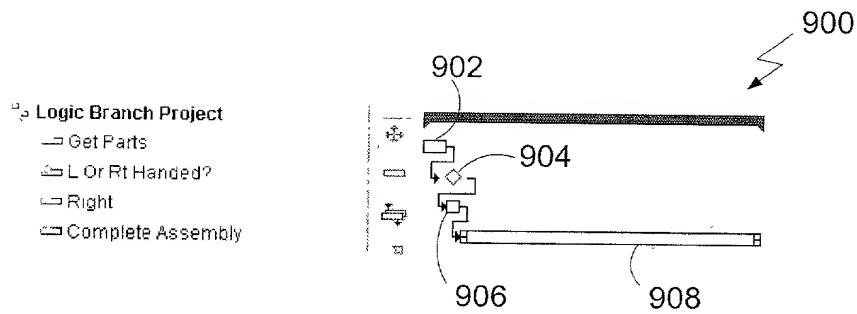


FIG. 10

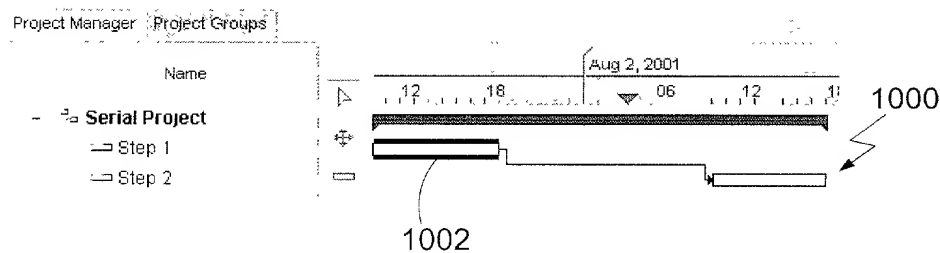


FIG. 11

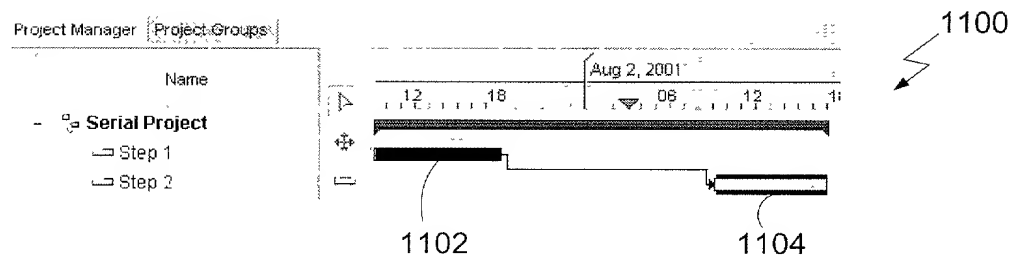


FIG. 12

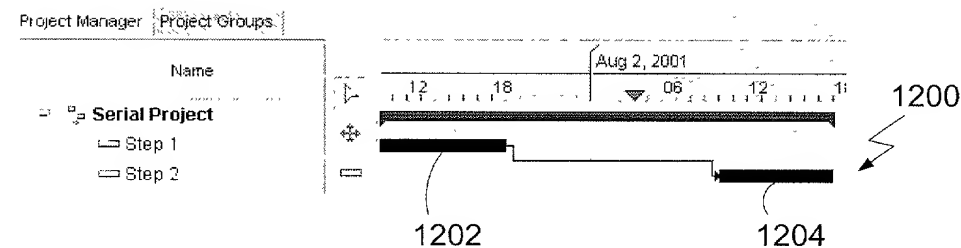


FIG. 13

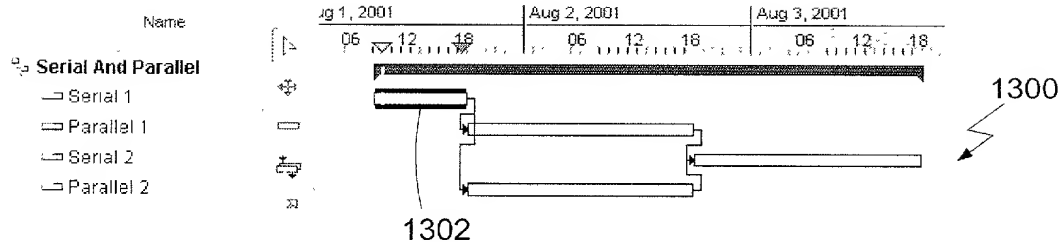


FIG. 14

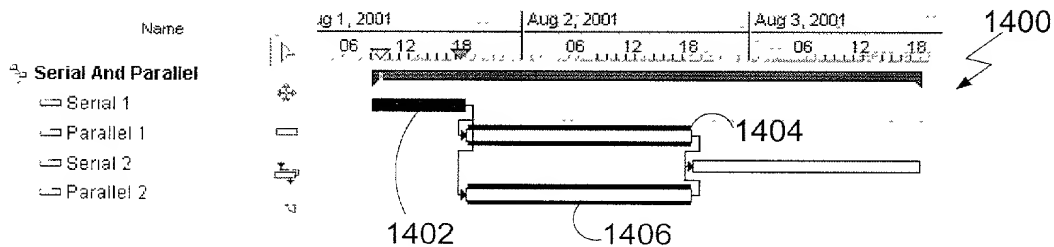


FIG. 15

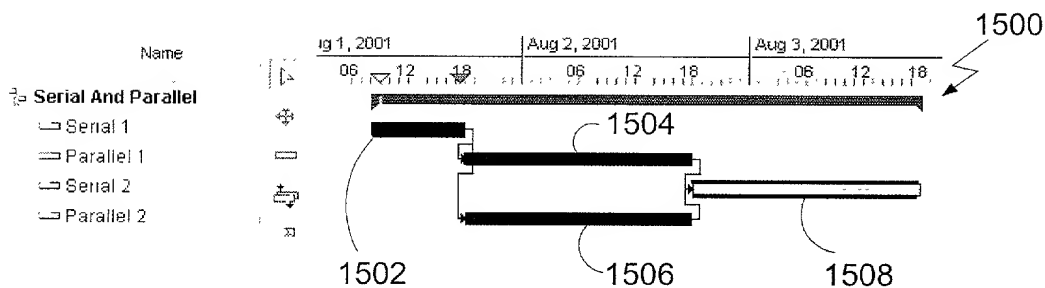


FIG. 16

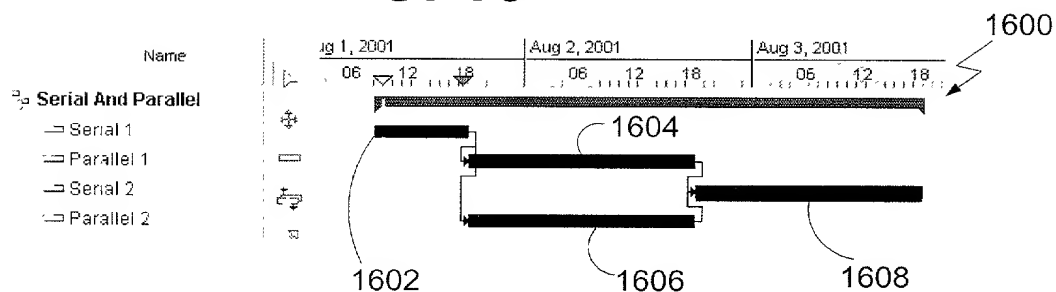


FIG. 17

- Logic Branch Project
 - Get Parts
 - L Or Rt Handed?
 - Right
 - Complete Assembly

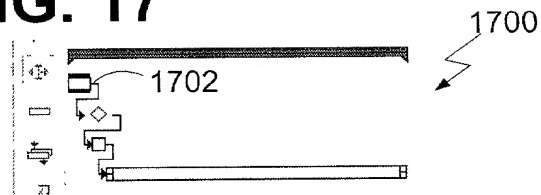


FIG. 18

- Logic Branch Project
 - Get Parts
 - L Or Rt Handed?
 - Right
 - Complete Assembly

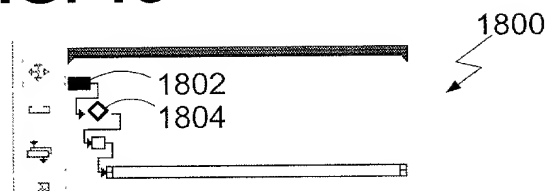


FIG. 19

- Logic Branch Project
 - Get Parts
 - L Or Rt Handed?
 - Right
 - Complete Assembly

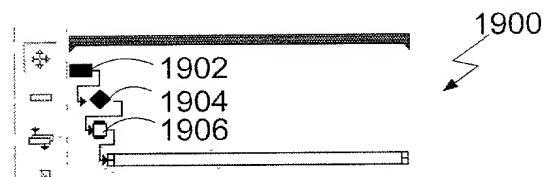


FIG. 20

- Logic Branch Project
 - Get Parts
 - L Or Rt Handed?
 - Right
 - Complete Assembly

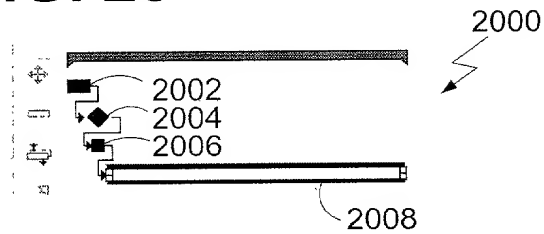


FIG. 21

- Logic Branch Project
 - Get Parts
 - L Or Rt Handed?
 - Right
 - Complete Assembly

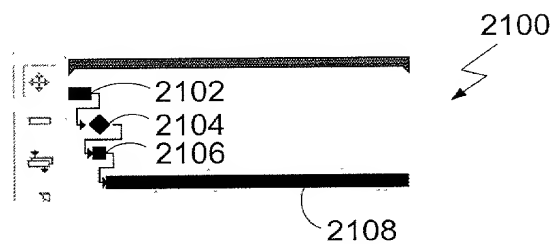


FIG. 22

- Logic Branch Project
 - Get Parts
 - L Or Rt Handed?
 - Right
 - Complete Assembly

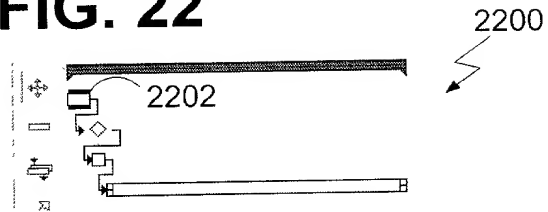


FIG. 23

- Logic Branch Project
 - Get Parts
 - L Or Rt Handed?
 - Right
 - Complete Assembly

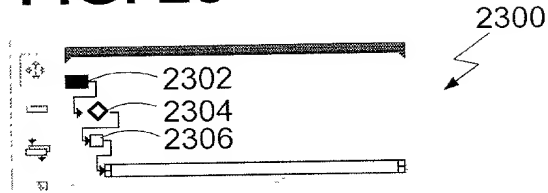


FIG. 24

- Logic Branch
 - Get Parts
 - L Or Rt Handed?
 - Left
 - Left Special
 - Complete Assembly

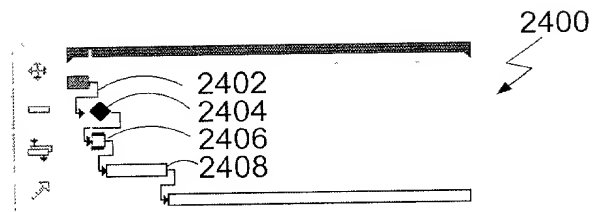


FIG. 25

- Logic Branch
 - Get Parts
 - L Or Rt Handed?
 - Left
 - Left Special
 - Complete Assembly

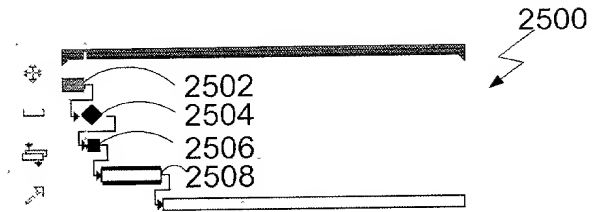


FIG. 26

- Logic Branch
 - Get Parts
 - L Or Rt Handed?
 - Left
 - Left Special
 - Complete Assembly

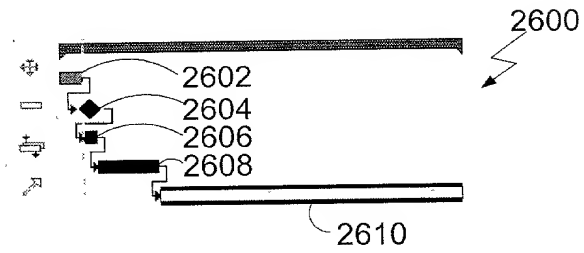


FIG. 27

- Logic Branch
 - Get Parts
 - L Or Rt Handed?
 - Left
 - Left Special
 - Complete Assembly

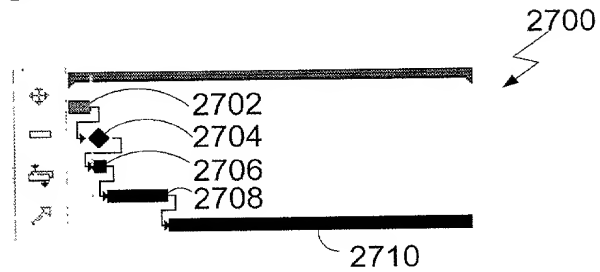


FIG. 28A

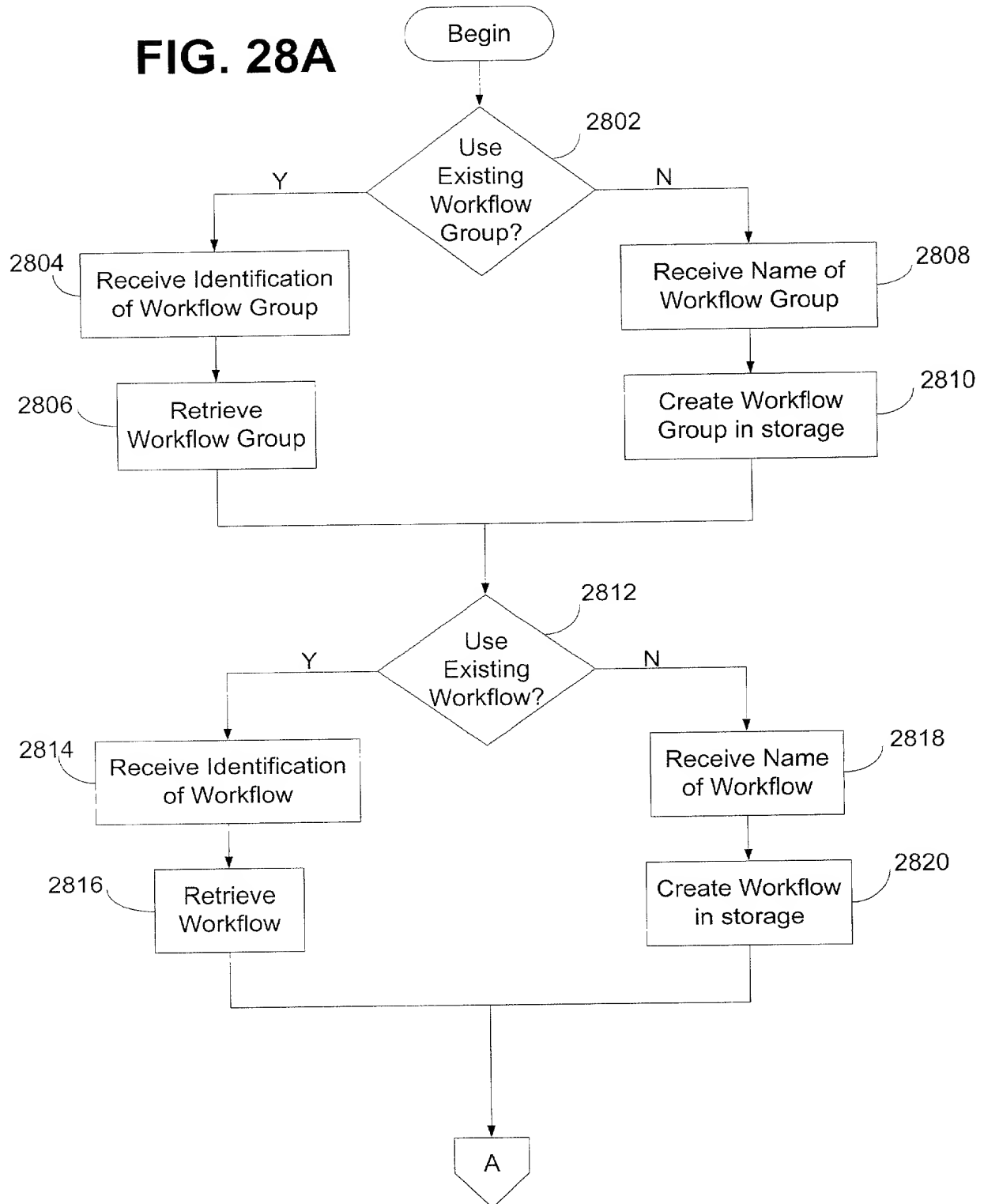


FIG. 28B

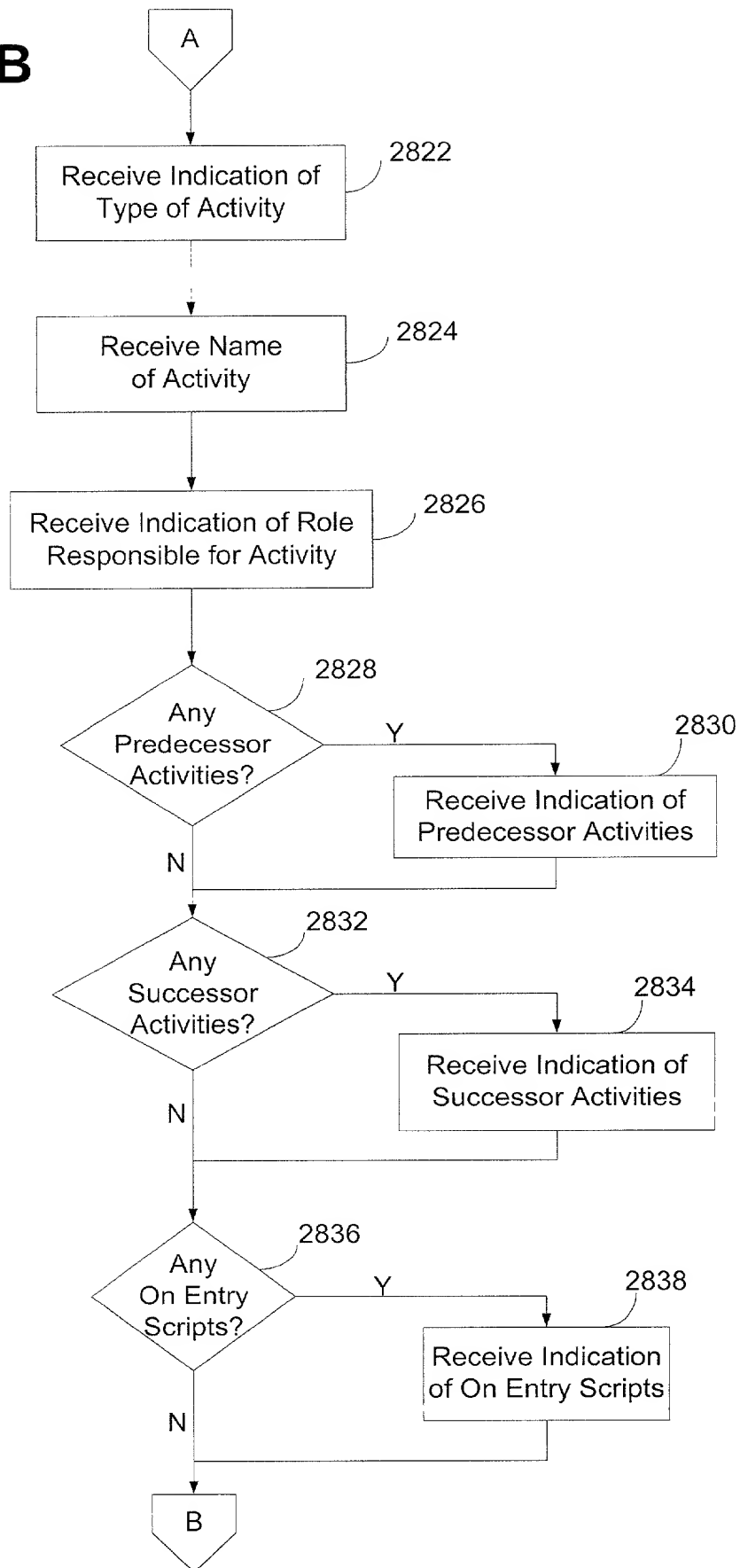


FIG. 28C

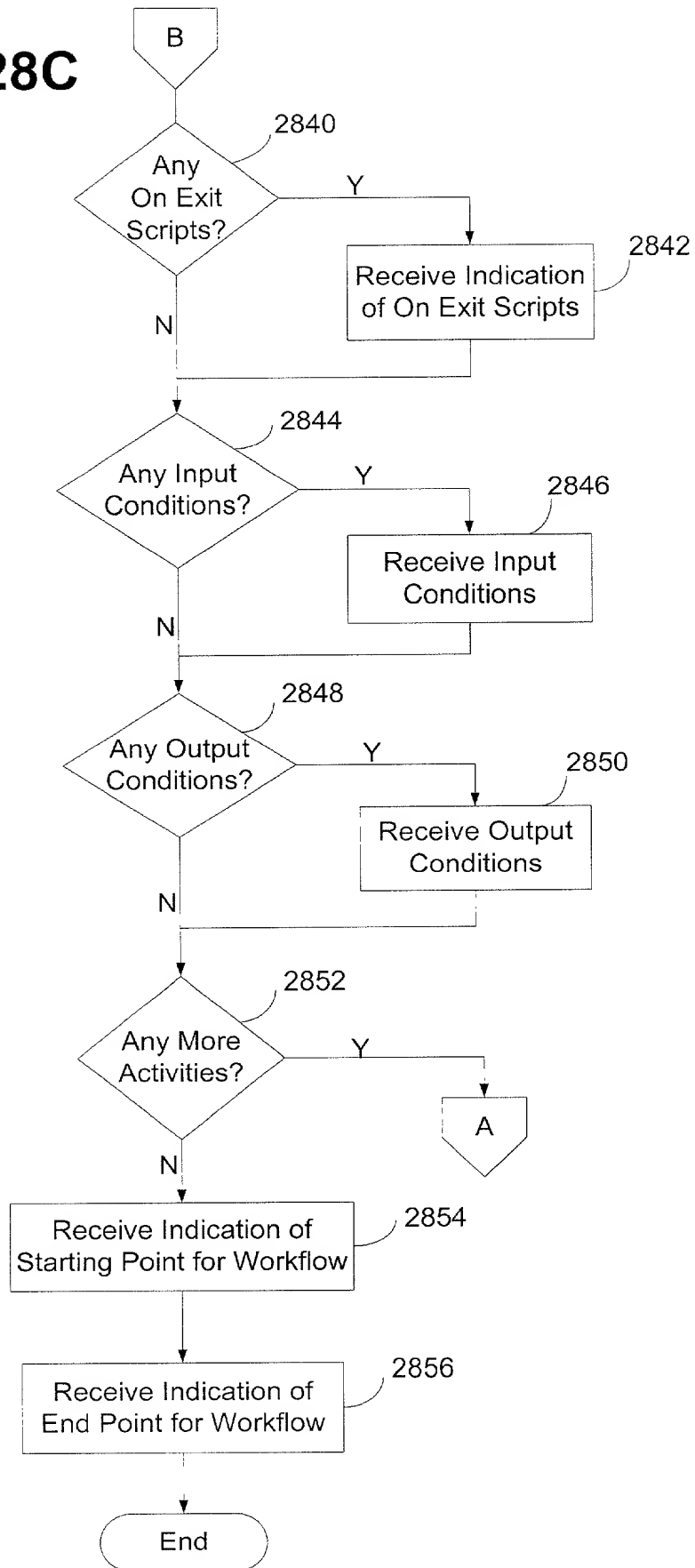


FIG. 29

FIG. 29

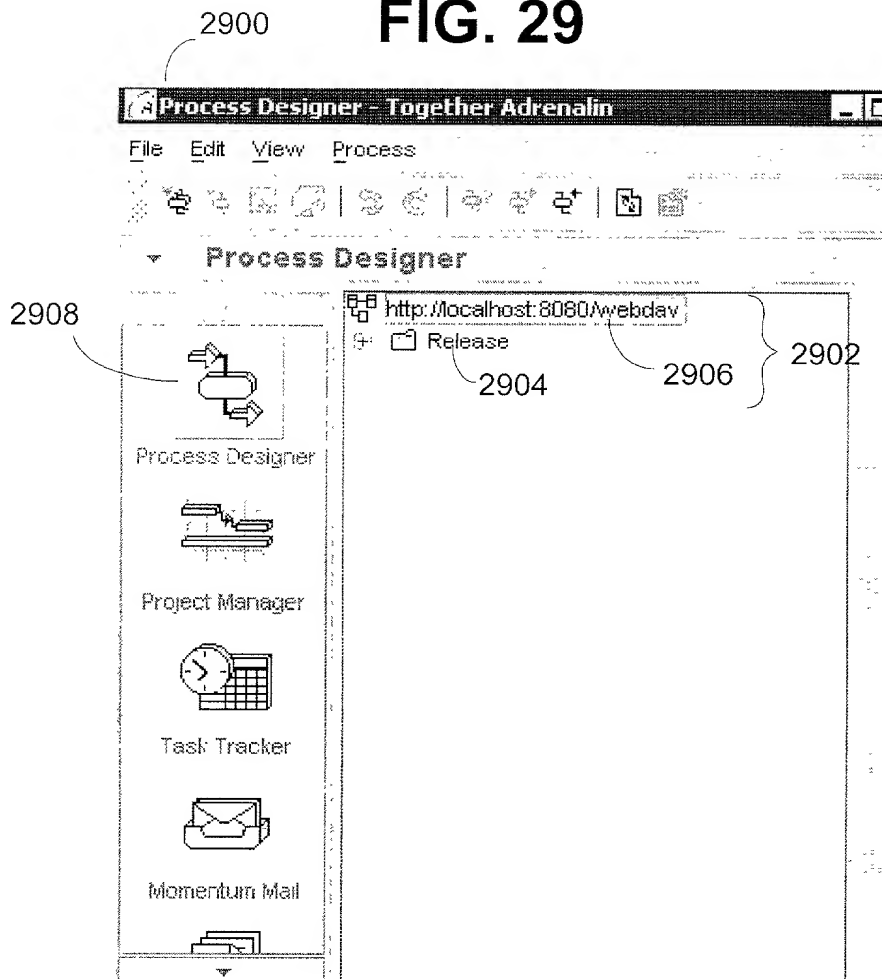


FIG. 30

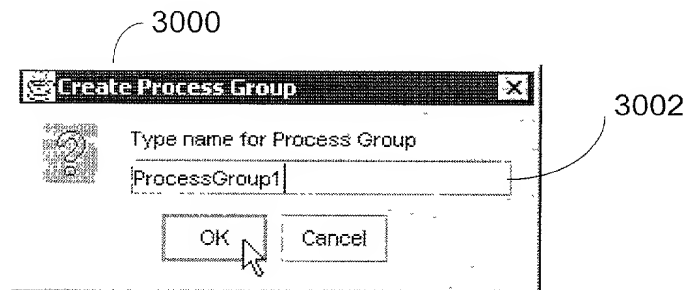


FIG. 31

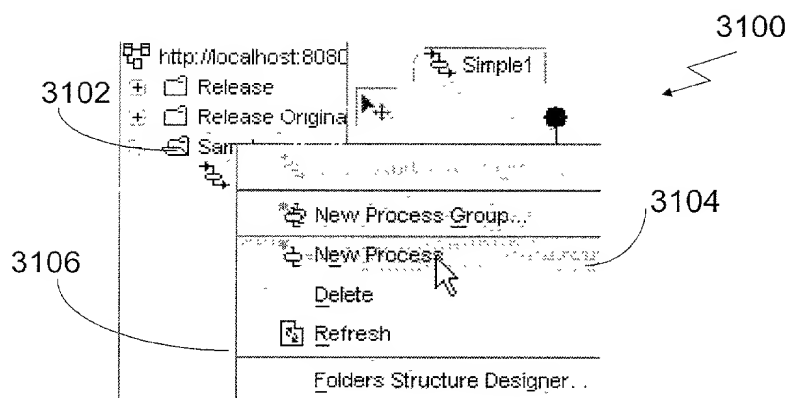


FIG. 32

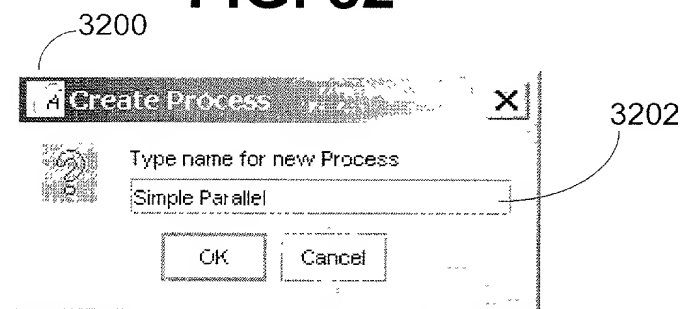


FIG. 33A

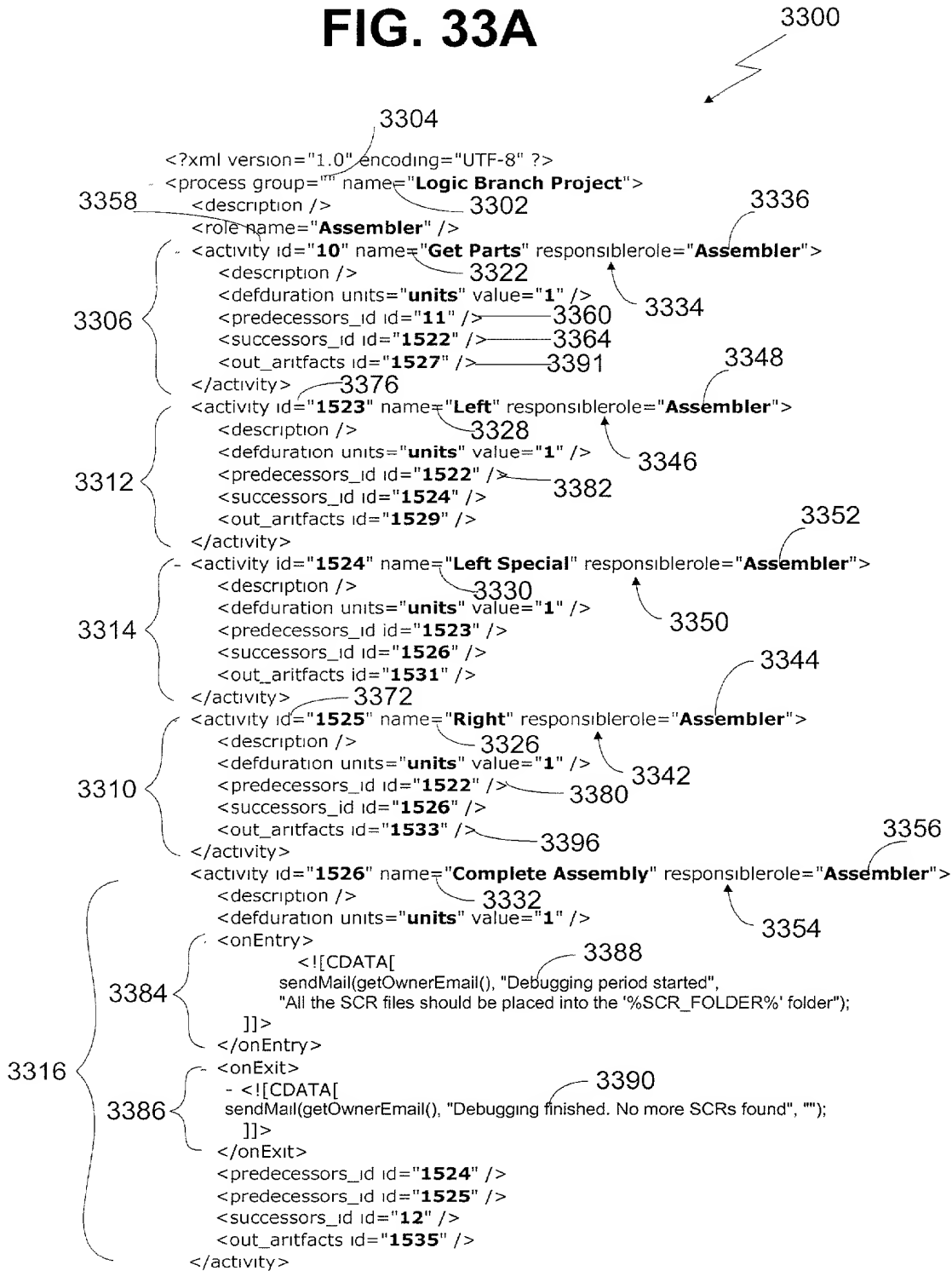


FIG. 33B

3394 {

- <artifact id="1527" identity="linkable1" name="Document is INITIAL">
 - <description>The condition becomes true when the %Document% artifact gets the INITIAL state. To make this condition valid you should define the %Document% parameter and optionally define the document template and the application to open the document.</description>
 - <type>linkable</type>
 - <link link="%Document%" />
 - <state>INITIAL</state>
 - <event id="1528" />
- <artifact id="1529" identity="linkable1" name="Document is LEFT">
 - <description>The condition becomes true when the %Document% artifact gets the LEFT state. To make this condition valid you should define the %Document% parameter and optionally define the document template and the application to open the document.</description>
 - <type>linkable</type>
 - <link link="%Document%" />
 - <state>LEFT</state>
 - <event id="1530" />
- <artifact id="1531" identity="linkable1" name="Document is LEFT SPECIAL">
 - <description>The condition becomes true when the %Document% artifact gets the LEFT SPECIAL state. To make this condition valid you should define the %Document% parameter and optionally define the document template and the application to open the document.</description>
 - <type>linkable</type>
 - <link link="%Document%" />
 - <state>LEFT SPECIAL</state>
 - <event id="1532" />
- <artifact id="1533" identity="linkable1" name="Document is RIGHT">
 - <description>The condition becomes true when the %Document% artifact gets the RIGHT state. To make this condition valid you should define the %Document% parameter and optionally define the document template and the application to open the document.</description>
 - <type>linkable</type>
 - <link link="%Document%" />
 - <state>RIGHT</state>
 - <event id="1534" />
- <artifact id="1535" identity="linkable1" name="Document is APPROVED">
 - <description>The condition becomes true when the %Document% artifact gets the APPROVED state. To make this condition valid you should define the %Document% parameter and optionally define the document template and the application to open the document.</description>
 - <type>linkable</type>
 - <link link="%Document%" />
 - <state>APPROVED</state>
 - <event id="1536" />

</artifact>

FIG. 33B

FIG. 33C

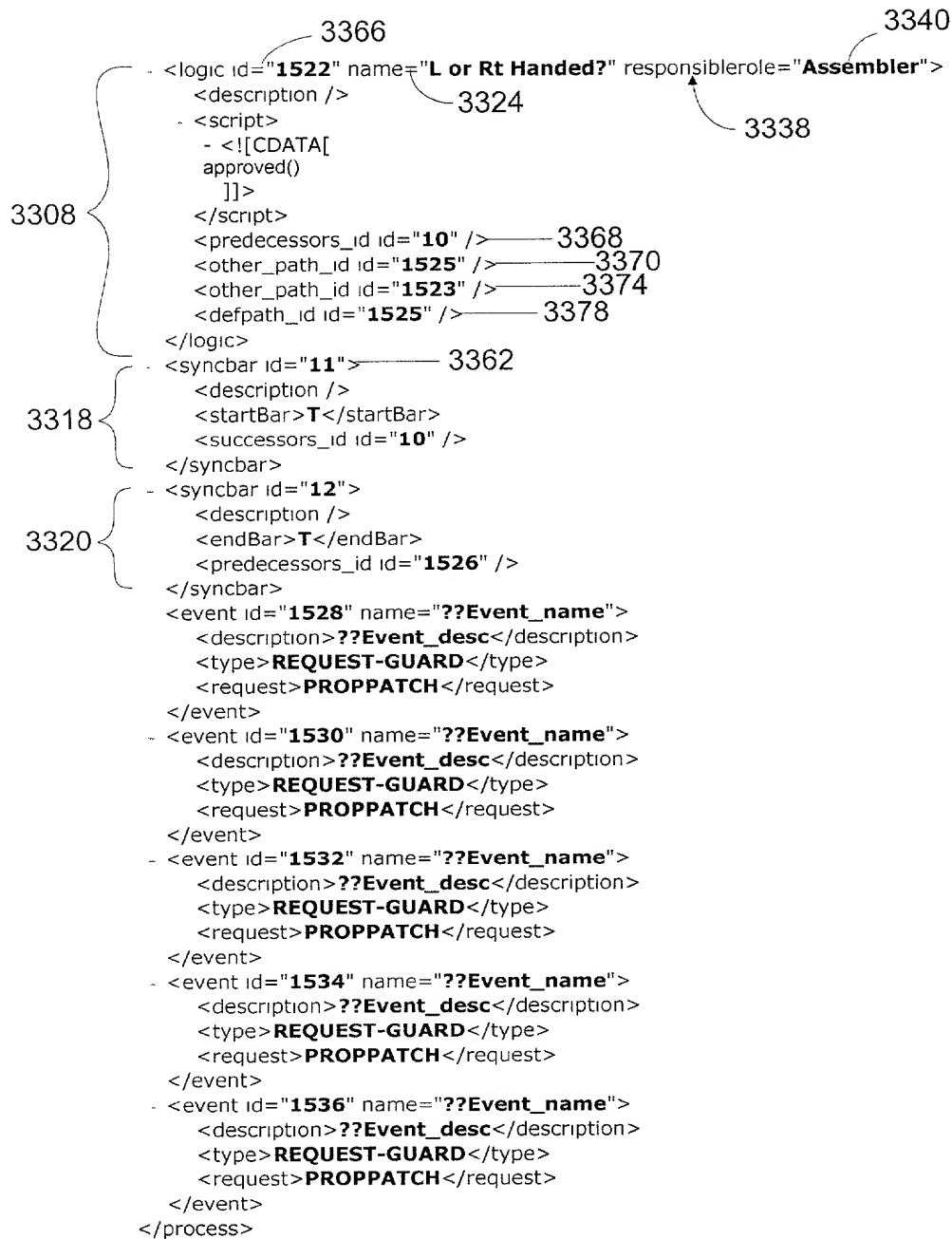


FIG. 34

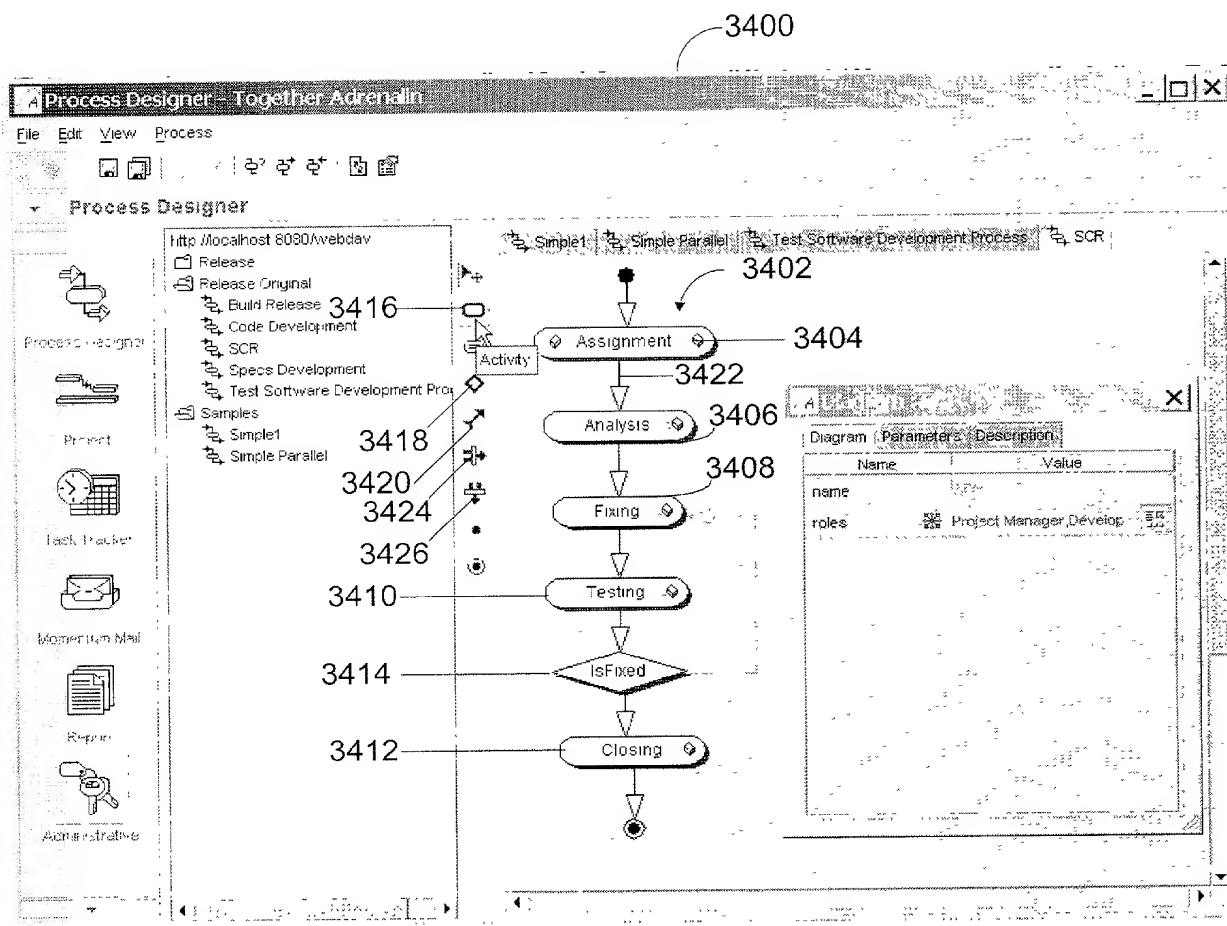


FIG. 35

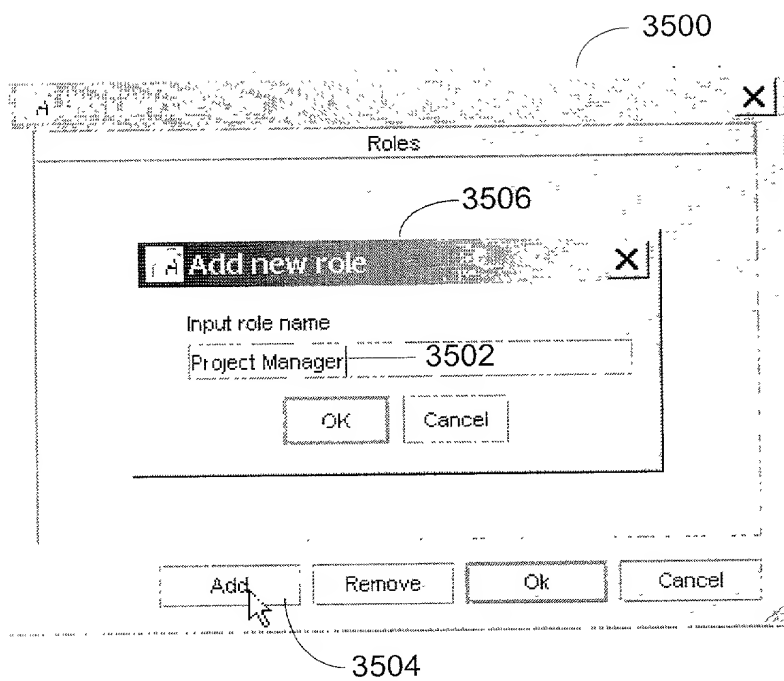


FIG. 36

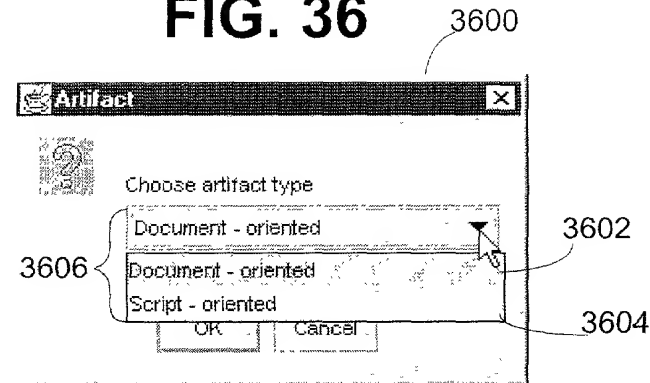


FIG. 37

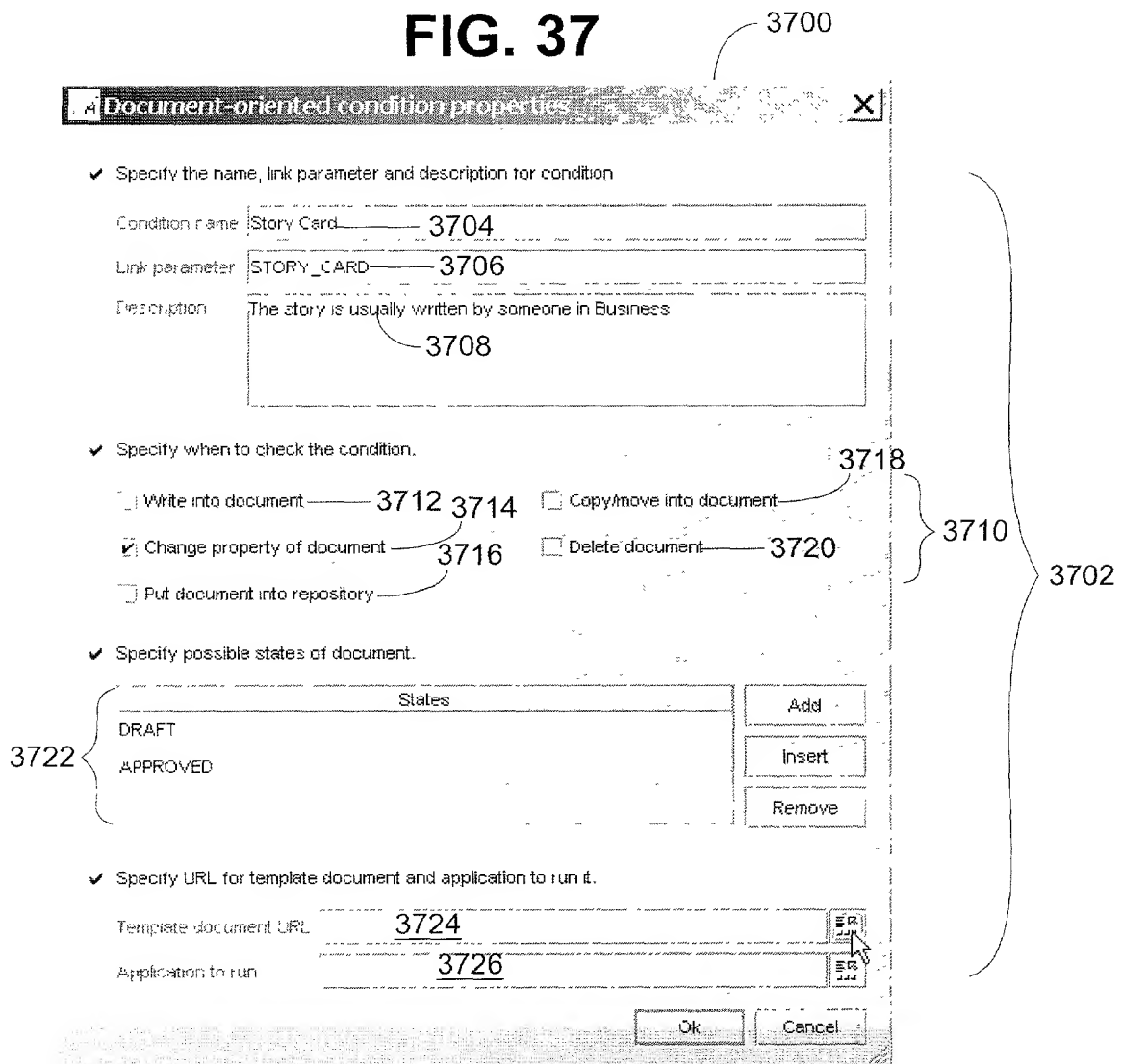


FIG. 38

3800

Script-oriented condition properties [X]

✓ Specify the name and description for condition.

Condition name

Description 3806

✓ Specify when to check the condition.

☐ * Absolute time 3810

☐ Period 3812

☐ * Url change 3814

☒ * Task change 3816

☐ Any http request 3818

* - values for these items will be assigned at planning phase.

3808 {

✓ Define script parameters and content 3822

Name	Value	Add

3824

Script content 3826

3828

Ok Cancel

3802 {

FIG. 39

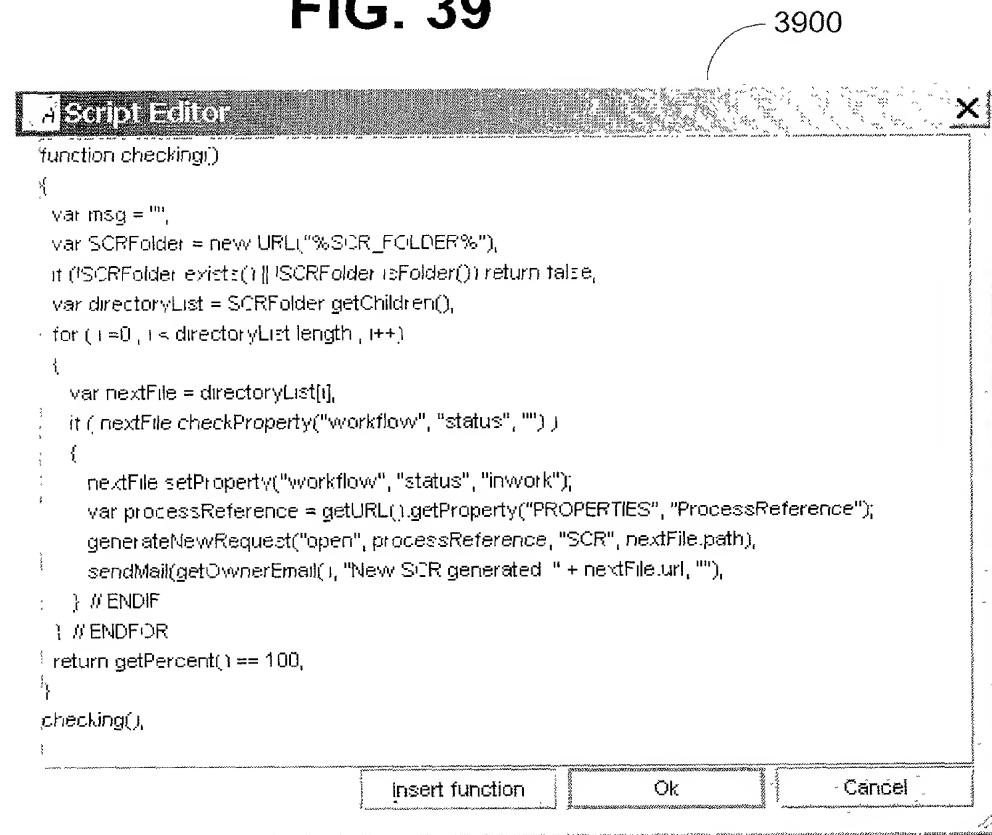


FIG. 40

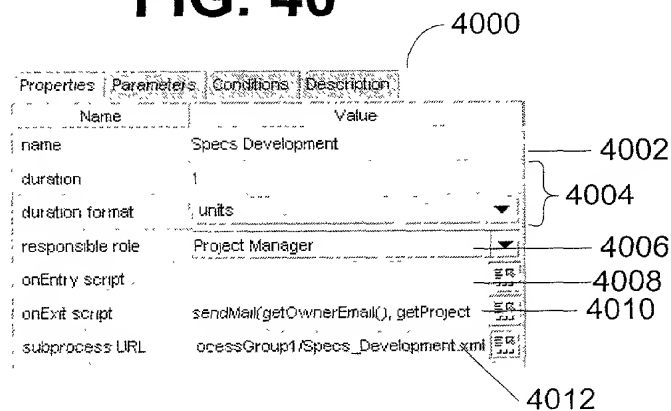


FIG. 41A

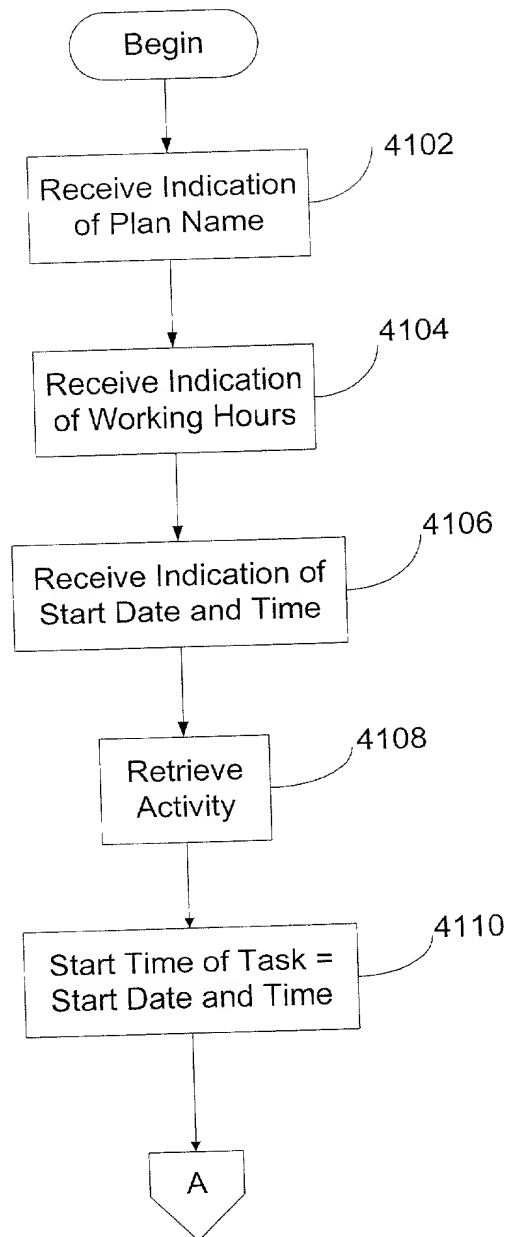


FIG. 41B

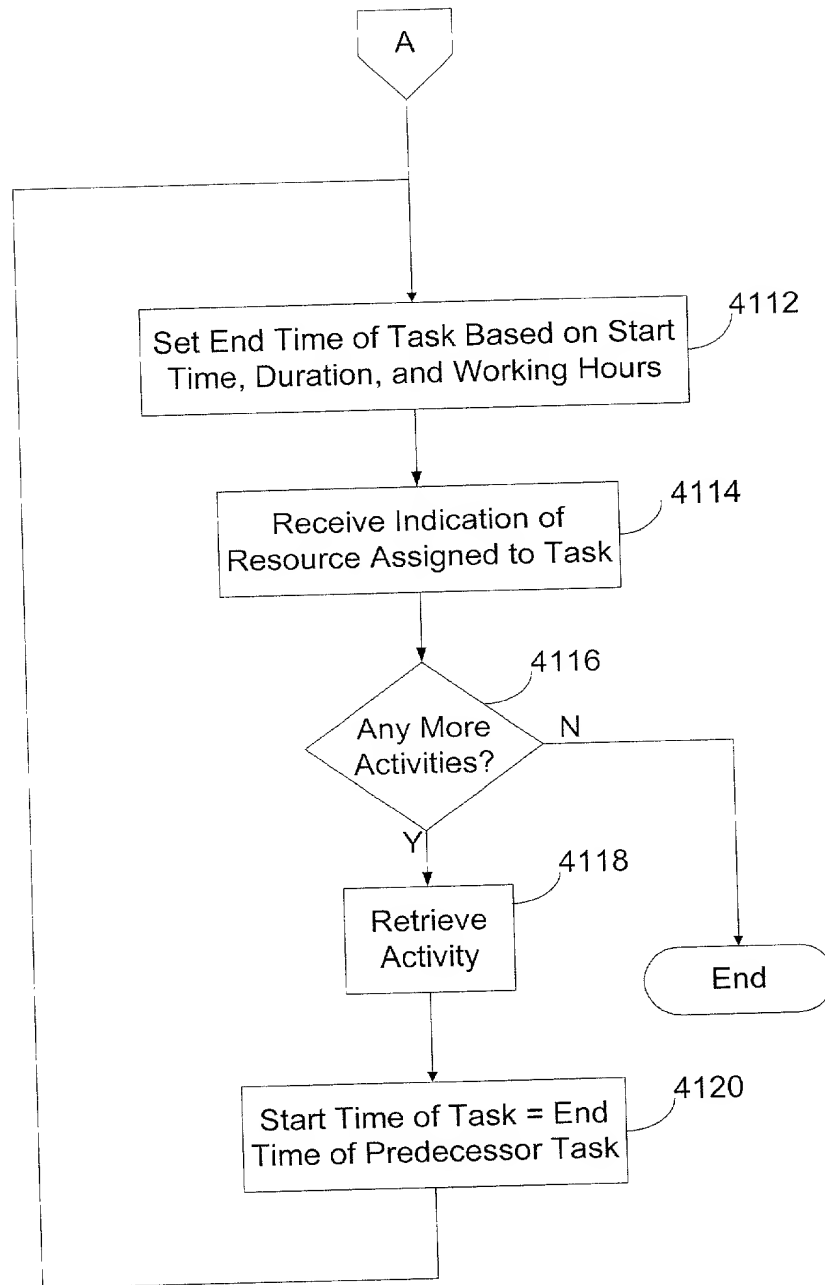


FIG. 42

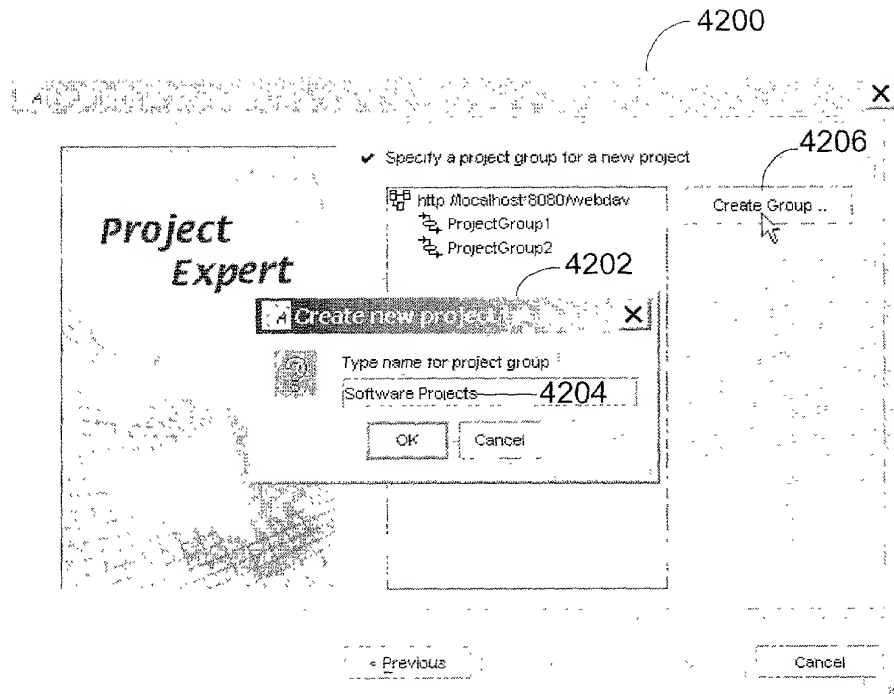


FIG. 43

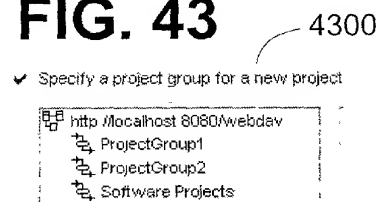


FIG. 44

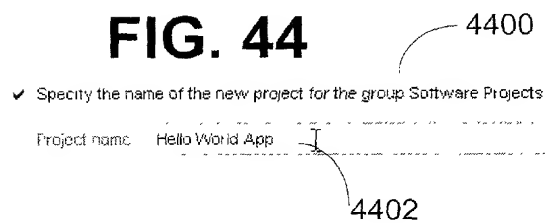


FIG. 45

4500

✓ Specify timetable for project

4502 { Select Timetable template

4504 • Standard Timetable Intensive Timetable 4520

24 Hours 4518

Working Days

4510 4508 4512 4514 4516

4506 { Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday

Working Hours

FIG. 46

4600

✓ Specify start and finish dates of the project

Start date (mm/dd/yy) 7/2/2001 9AM 4602

Finish date (mm/dd/yy) 8/10/2001 5PM 4604

Edit Work Calendar...

FIG. 47

4700

```

<?xml version="1.0" encoding="UTF-8" ?>
<process group="" name="Serial & Parallel">
  <description />
  <role name="Worker" />
  <activity id="10" name="Serial 1" responsiblerole="Worker">
    <description />
    <defduration units="hours" value="9" /> 4704
    <predecessors_id id="11" />
    <successors_id id="1522" />
  </activity>
  <activity id="1523" name="Parallel 1" responsiblerole="Worker">
    <description />
    <defduration units="hours" value="24" /> 4710
    <predecessors_id id="1522" />
    <successors_id id="1525" />
  </activity>
  <activity id="1524" name="Parallel 2" responsiblerole="Worker">
    <description />
    <defduration units="hours" value="24" /> 4712
    <predecessors_id id="1522" />
    <successors_id id="1525" />
  </activity>
  <activity id="1526" name="Serial 2" responsiblerole="Worker">
    <description />
    <defduration units="hours" value="24" /> 4716
    <predecessors_id id="1525" />
    <successors_id id="12" />
  </activity>
  <syncbar id="11">
    <description />
    <startBar>T</startBar>
    <successors_id id="10" />
  </syncbar>
  <syncbar id="12">
    <description />
    <endBar>T</endBar>
    <predecessors_id id="1526" />
  </syncbar>
  <syncbar id="1522" name="SyncBarH1">
    <description />
    <predecessors_id id="10" />
    <successors_id id="1523" />
    <successors_id id="1524" />
  </syncbar>
  <syncbar id="1525" name="SyncBarH2">
    <description />
    <predecessors_id id="1523" />
    <predecessors_id id="1524" />
    <successors_id id="1526" />
  </syncbar>
</process>

```

4700 4704 4710 4712 4716

FIG. 48

4800

```

<?xml version="1.0" encoding="UTF-8" ?>
<A:plan name="Serial_And_Parallel" userid="JK" xmlns:A="workflow">
  <A:description>
    <![CDATA[
      No Description
    ]]>
  </A:description>
  <A:task activityID="10" caption="Serial 1"
    link="Sample_Project_Plans/Serial_And_Parallel/Task_2.xml" name="Task_2"
    owner="Worker"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 1 9</A:start> 4804
    <A:finish>2001 8 1 18</A:finish> 4806
    <A:supertask name="Task_1" />
    <A:user>JK</A:user>
    <A:successor name="Task_3" />
    <A:successor name="Task_4" />
  </A:task>
  <A:task activityID="1523" caption="Parallel 1"
    link="Sample_Project_Plans/Serial_And_Parallel/Task_3.xml" name="Task_3"
    owner="Worker"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 1 18</A:start> 4812
    <A:finish>2001 8 2 18</A:finish> 4816
    <A:supertask name="Task_1" />
    <A:user>JK</A:user>
    <A:predecessor name="Task_2" />
    <A:successor name="Task_5" />
  </A:task>
  <A:task activityID="1524" caption="Parallel 2"
    link="Sample_Project_Plans/Serial_And_Parallel/Task_4.xml" name="Task_4"
    owner="Worker"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 1 18</A:start> 4814
    <A:finish>2001 8 2 18</A:finish> 4818
    <A:supertask name="Task_1" />
    <A:user>JK</A:user>
    <A:predecessor name="Task_2" />
    <A:successor name="Task_5" />
  </A:task>
  <A:task activityID="1526" caption="Serial 2"
    link="Sample_Project_Plans/Serial_And_Parallel/Task_5.xml" name="Task_5"
    owner="Worker"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 2 18</A:start> 4822
    <A:finish>2001 8 3 18</A:finish> 4824
    <A:supertask name="Task_1" />
    <A:user>JK</A:user>
    <A:predecessor name="Task_3" />
    <A:predecessor name="Task_4" />
  </A:task>
  <A:task activityID="NONE" caption="Serial And Parallel"
    link="Sample_Project_Plans/Serial_And_Parallel/Task_1.xml" name="Task_1"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 1 8</A:start>
    <A:finish>2001 8 3 18</A:finish>
    <A:user>JK</A:user>
    <A:subtask name="Task_2" />
  </A:task>
</A:plan>

```

FIG. 49

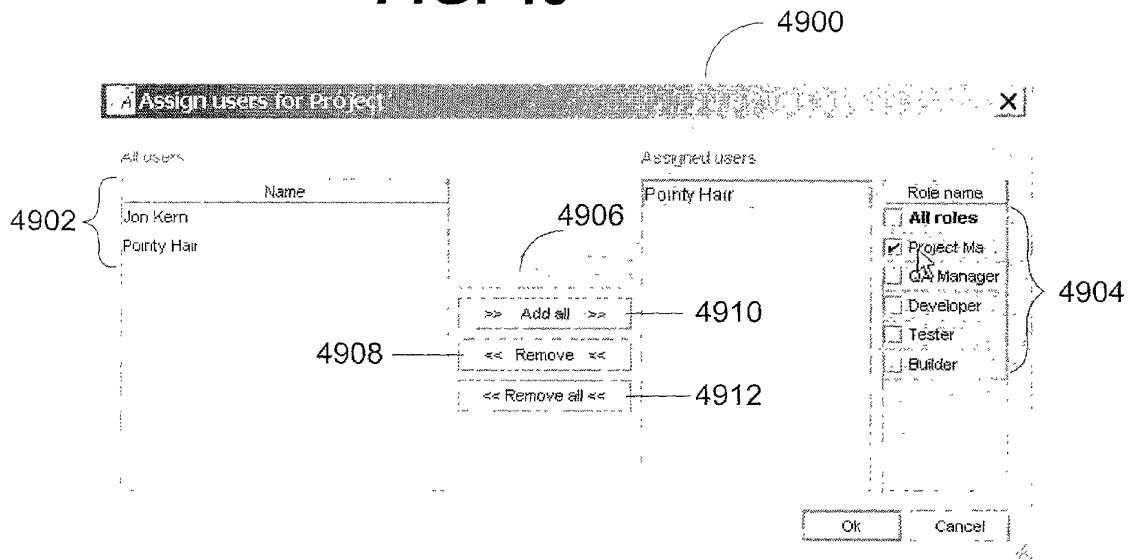


FIG. 50

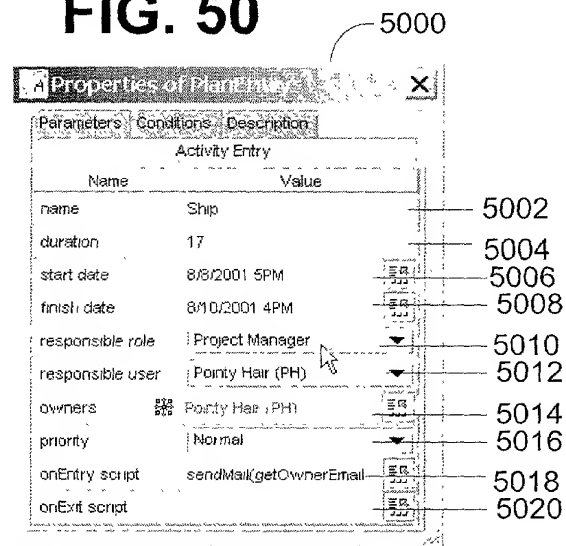


FIG. 51

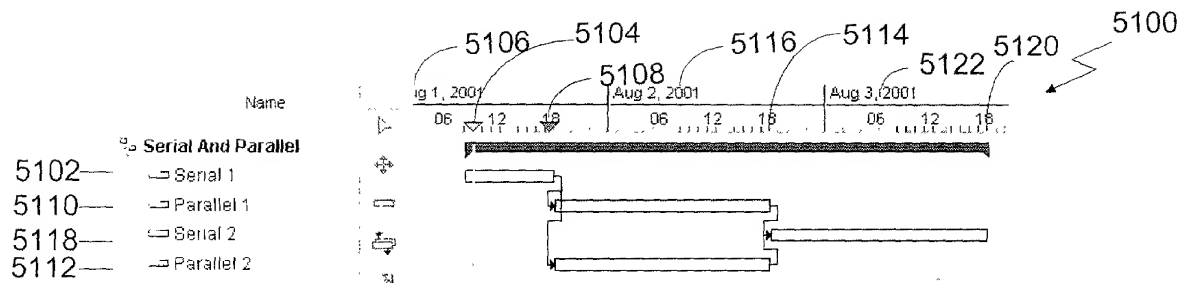


FIG. 52

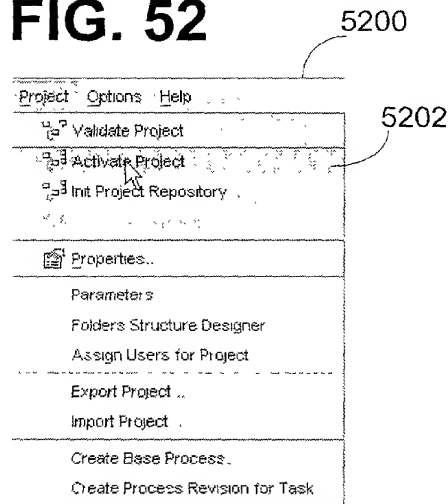


FIG. 53

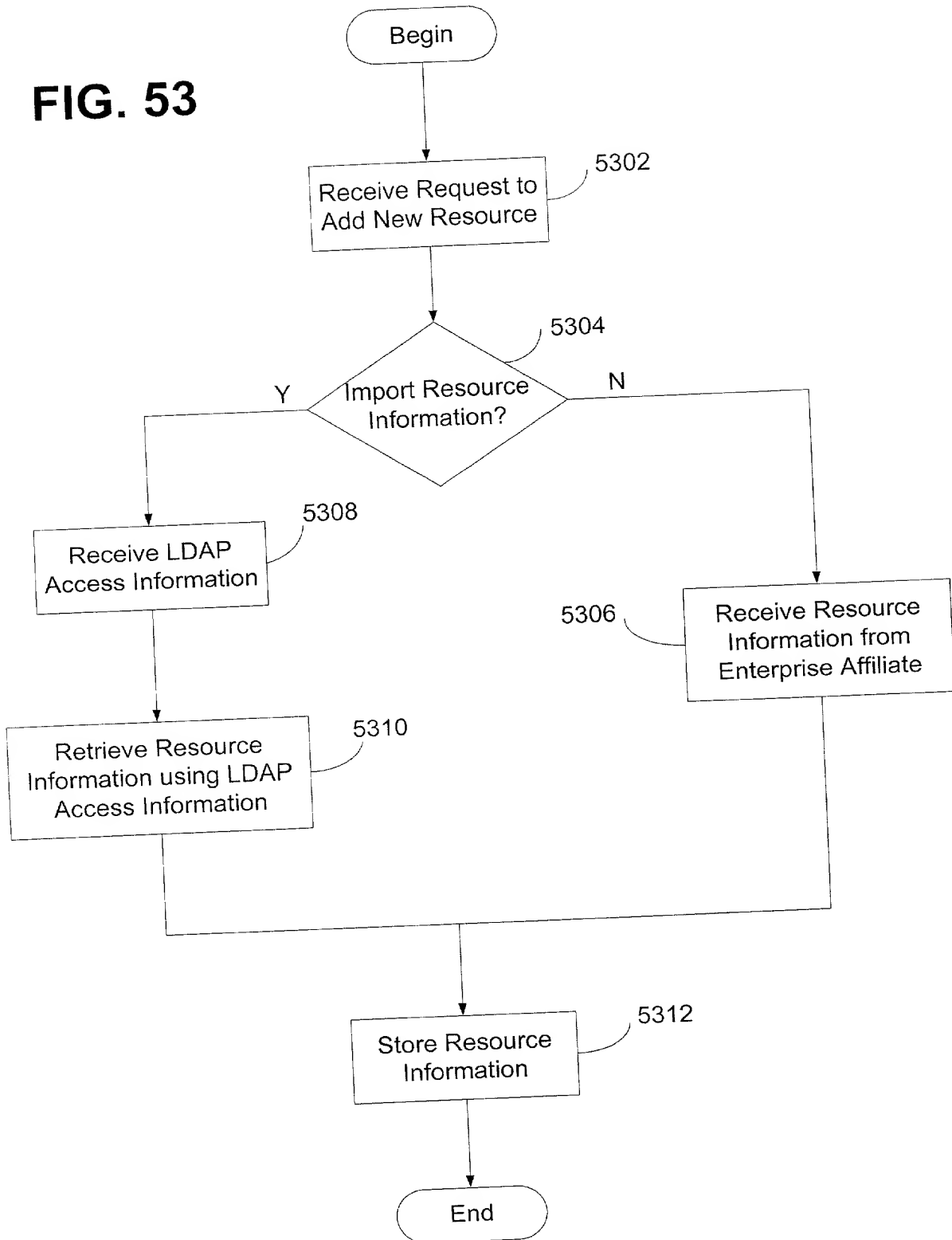
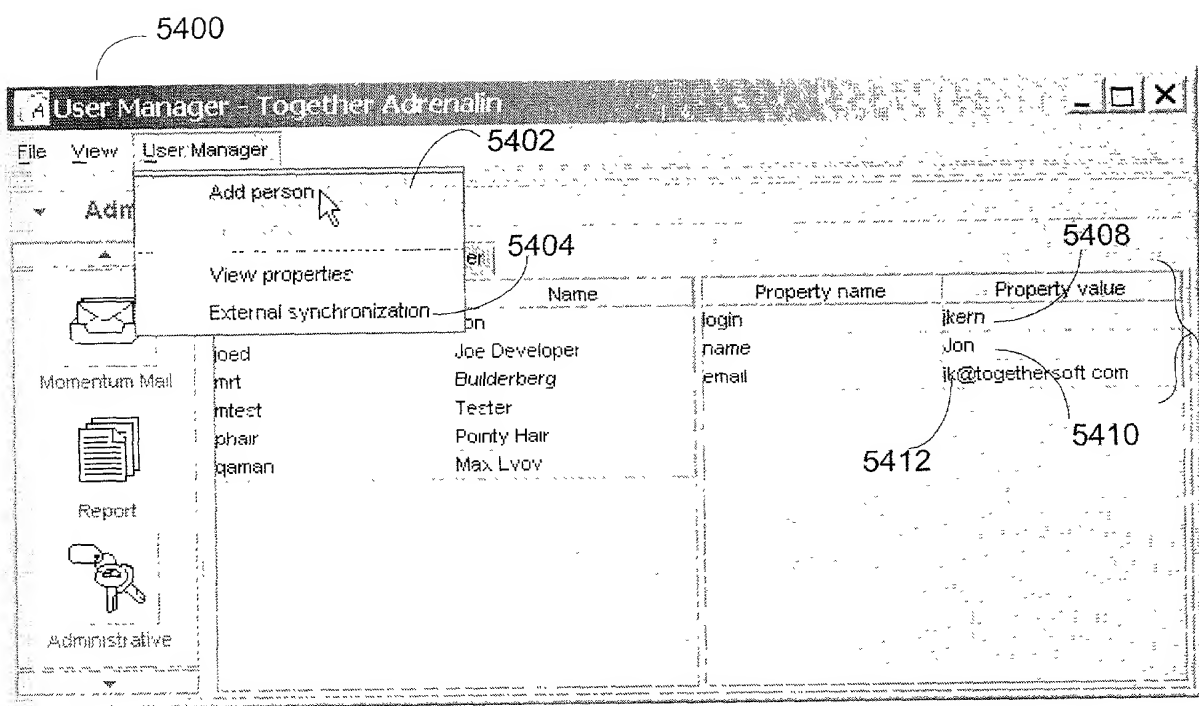


FIG. 54



5406

FIG. 55

5500

External synchronization

New: 389

5502 { LDAP Server — 5504 frodo

LDAP Port — 5506 389

People DN — 5508 OU=LOCAL USERS, DC=amazosoft, DC=com

☐ Use password

Security DN — 5510

Password — 5512

Login alias — 5514 mlogin

Add Remove Save Close Synchronize

FIG. 56

5600

```
<?xml version="1.0" encoding="UTF-8" ?>
- <users>
  <user>
    <id>PH</id>
    <name>Pointy Hair</name>
    <email>ph@company.com</email>
    <password>ZGV364==</password>
    url= "Software_Projects/Hello-World_App/Users_1.xml"
  </user>
  <user>
    <id>MQ</id>
    <name>Mister Quality</name>
    <email>mq@company.com</email>
    <password>ZGV636==</password>
    url= "Software_Projects/Hello-World_App/Users_1.xml"
  </user>
  <user>
    <id>MB</id>
    <name>Mister Build</name>
    <email>mb@company.com</email>
    <password>ZGV835==</password>
    url= "Software_Projects/Hello-World_App/Users_1.xml"
  </user>
  <user>
    <id>MT</id>
    <name>Mister Tee</name>
    <email>mt@company.com</email>
    <password>ZGV470==</password>
    url= "Software_Projects/Hello-World_App/Users_1.xml"
  </user>
</users>
```

5602 {

5610 {

5612 {

5604 {

5606 {

5608 {

FIG. 57A

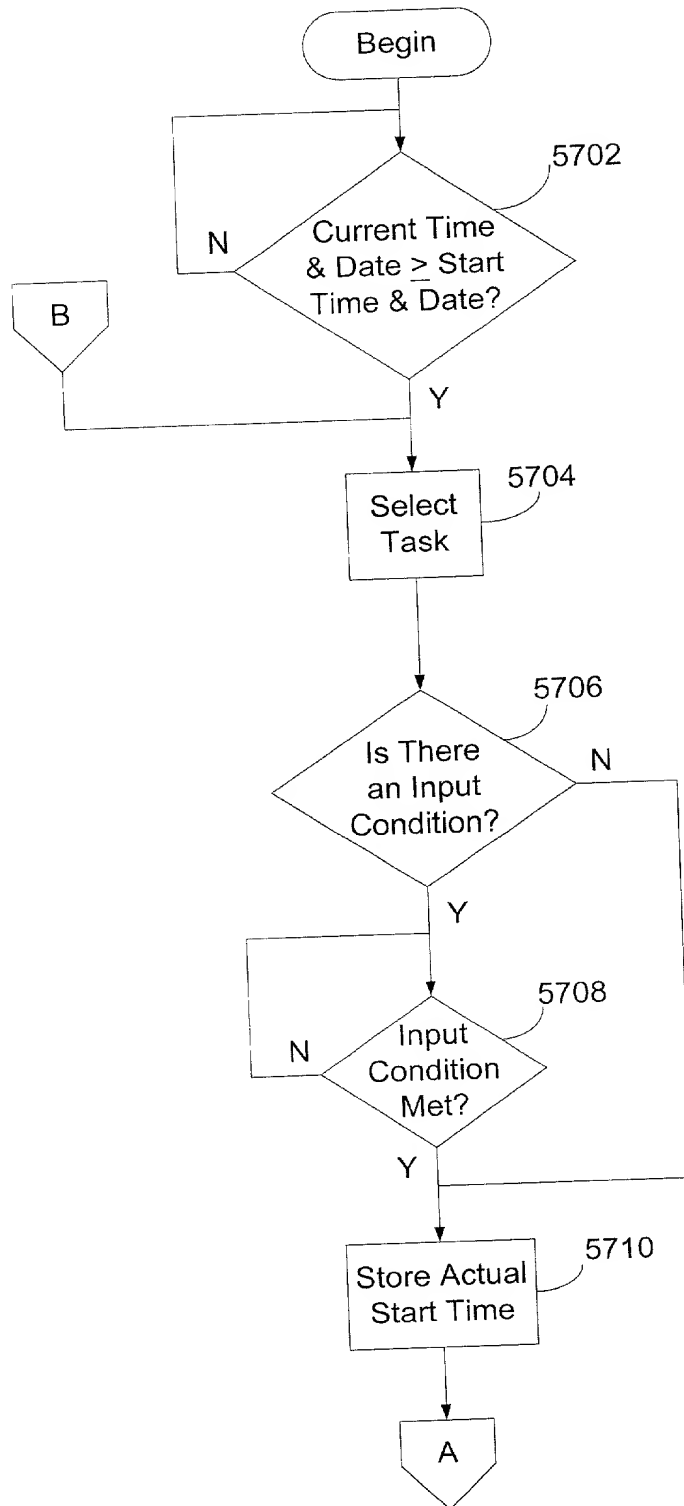


FIG. 57B

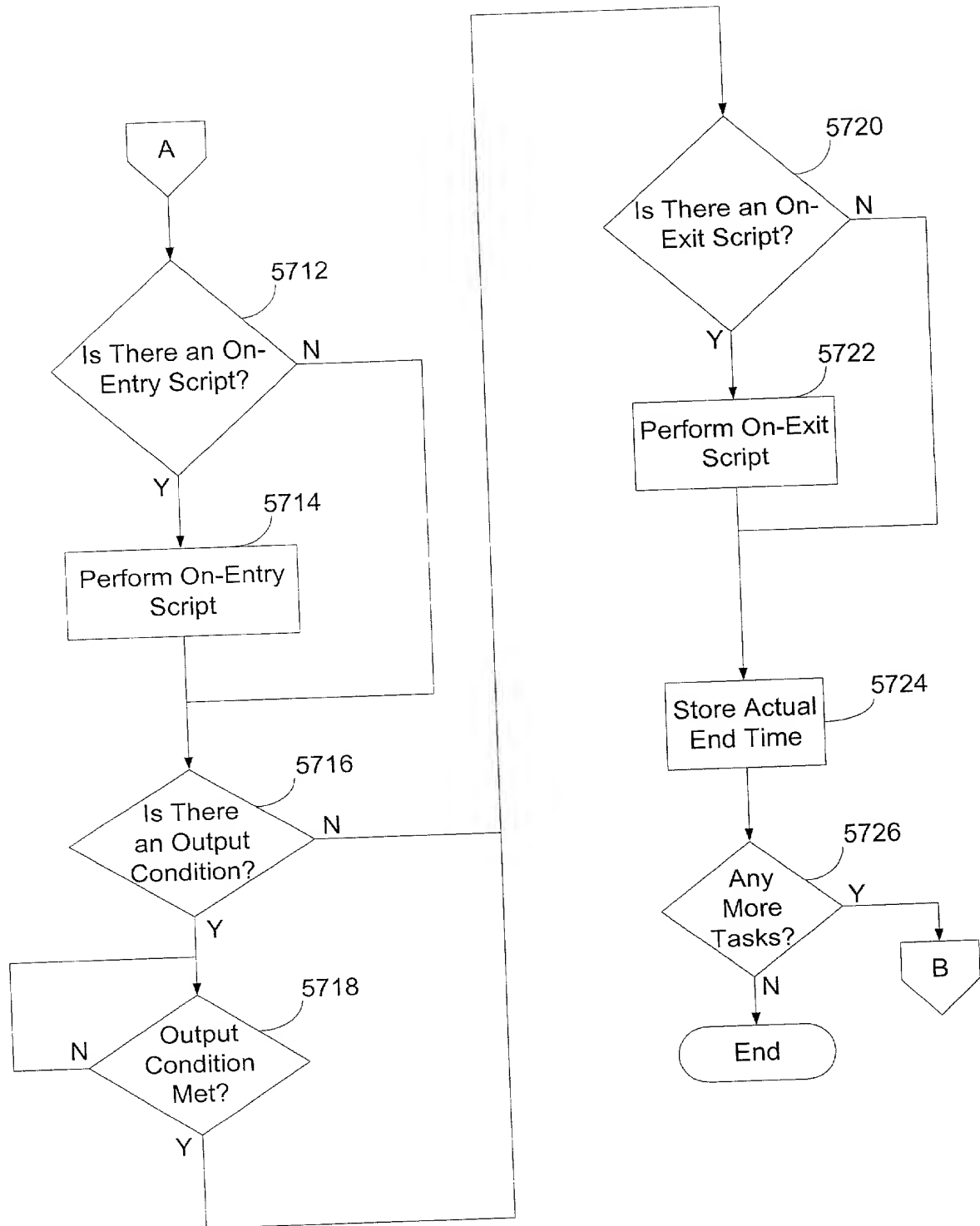


FIG. 58

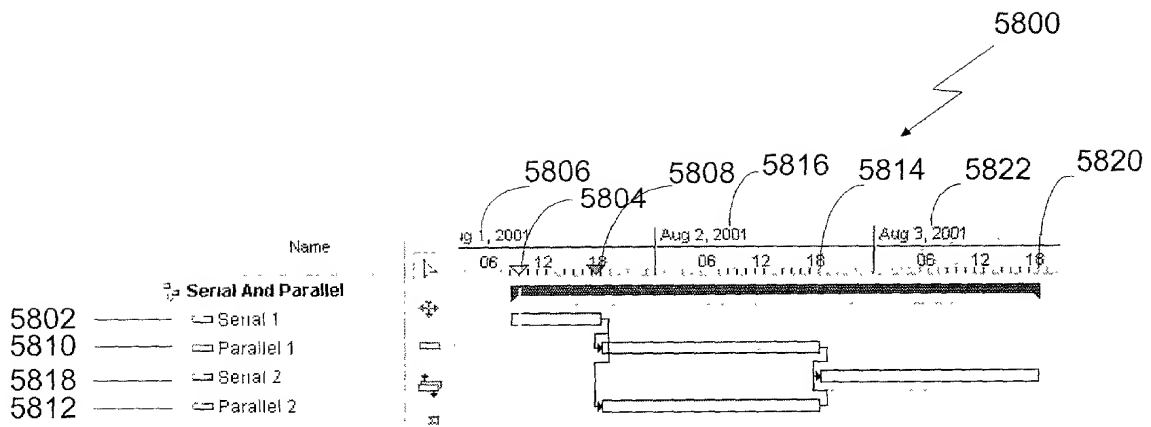


FIG. 59

5900

```
<?xml version="1.0" encoding="UTF-8" ?>
<A:plan name="Serial_And_Parallel" userid="JK" xmlns:A="workflow">
  <A:description>
    <![CDATA[
      No Description
    ]]>
  </A:description>
  <A:task activityID="10" caption="Serial 1">
    link="Sample_Project_Plans/Serial_And_Parallel/Task_2.xml" name="Task_2"
    owner="Worker"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 1 8</A:start>
    <A:finish>2001 8 1 18</A:finish>
    <A:supertask name="Task_1" />
    <A:user>JK</A:user>
    <A:successor name="Task_3" />
    <A:successor name="Task_4" />
  </A:task>
  <A:task activityID="1523" caption="Parallel 1">
    link="Sample_Project_Plans/Serial_And_Parallel/Task_3.xml" name="Task_3"
    owner="Worker"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 1 18</A:start>
    <A:finish>2001 8 2 18</A:finish>
    <A:supertask name="Task_1" />
    <A:user>JK</A:user>
    <A:predecessor name="Task_2" />
    <A:successor name="Task_5" />
  </A:task>
  <A:task activityID="1524" caption="Parallel 2">
    link="Sample_Project_Plans/Serial_And_Parallel/Task_4.xml" name="Task_4"
    owner="Worker"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 1 18</A:start>
    <A:finish>2001 8 2 18</A:finish>
    <A:supertask name="Task_1" />
    <A:user>JK</A:user>
    <A:predecessor name="Task_2" />
    <A:successor name="Task_5" />
  </A:task>
  <A:task activityID="1526" caption="Serial 2">
    link="Sample_Project_Plans/Serial_And_Parallel/Task_5.xml" name="Task_5"
    owner="Worker"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 2 18</A:start>
    <A:finish>2001 8 3 18</A:finish>
    <A:supertask name="Task_1" />
    <A:user>JK</A:user>
    <A:predecessor name="Task_3" />
    <A:predecessor name="Task_4" />
  </A:task>
  <A:task activityID="NONE" caption="Serial And Parallel">
    link="Sample_Project_Plans/Serial_And_Parallel/Task_1.xml" name="Task_1"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 1 8</A:start>
    <A:finish>2001 8 3 18</A:finish>
    <A:user>JK</A:user>
    <A:subtask name="Task_2" />
```

FIG. 59

FIG. 60

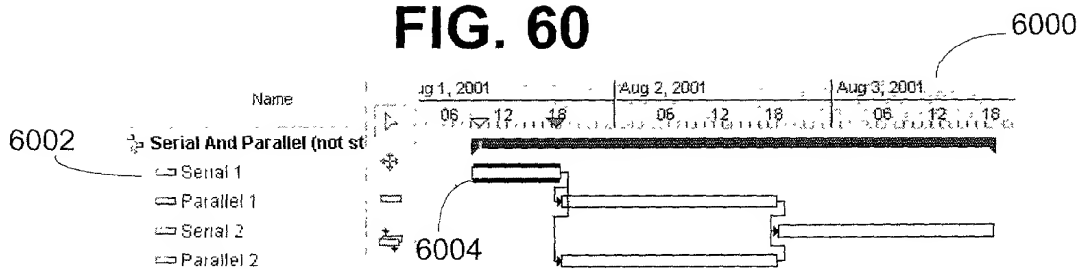


FIG. 61

```
<?xml version="1.0" encoding="UTF-8" ?>
<A:FilePropertyMap xmlns:A="adrenalin:">
  <A:factstart xmlns:A="workflow">2001 8 1 9</A:factstart>
  <A:factfinish xmlns:A="workflow">2001 8 1 14</A:factfinish>
  <A:ProjectTask xmlns:A="Serial 1" />
</A:FilePropertyMap>
```

FIG. 61 shows an XML snippet defining a task named "Serial 1" with a factstart of 2001 8 1 9 and a factfinish of 2001 8 1 14. The task is part of a FilePropertyMap.

FIG. 62

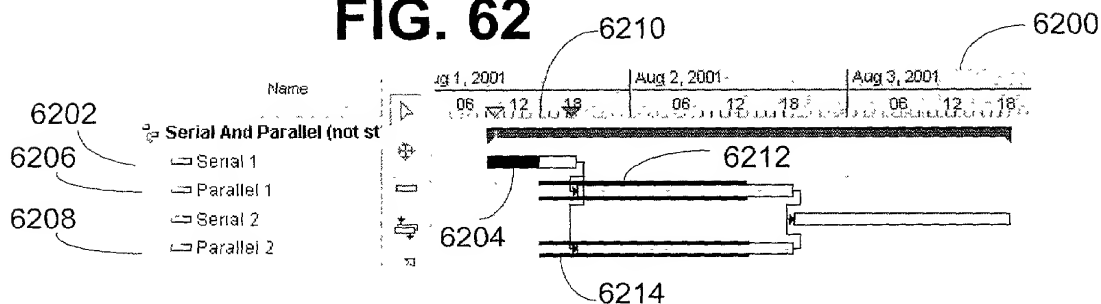


FIG. 63

```
<?xml version="1.0" encoding="UTF-8" ?>
<A:FilePropertyMap xmlns:A="adrenalin:">
  <A:factstart xmlns:A="workflow">2001 8 1 14</A:factstart>
  <A:factfinish xmlns:A="workflow">2001 8 2 0</A:factfinish>
  <A:ProjectTask xmlns:A="Parallel 1" />
  <A:ProjectTask xmlns:A="Parallel 2" />
</A:FilePropertyMap>
```

FIG. 63 shows an XML snippet defining two tasks named "Parallel 1" and "Parallel 2" with a factstart of 2001 8 1 14 and a factfinish of 2001 8 2 0. The tasks are part of a FilePropertyMap.

FIG. 64

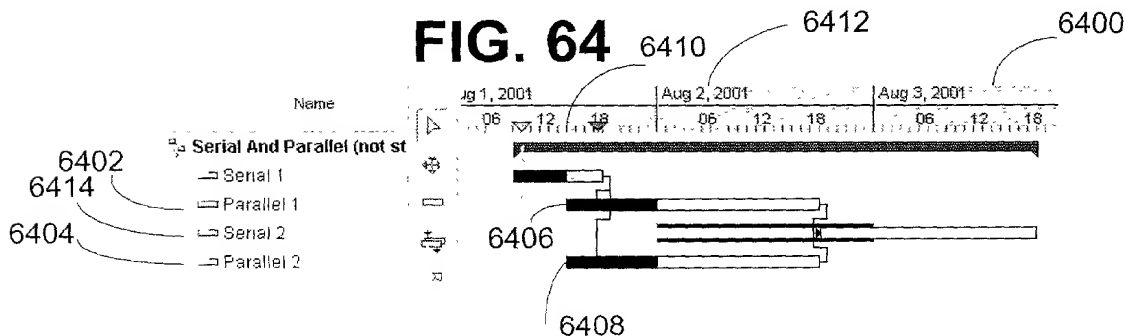


FIG. 65

6500

```
<?xml version="1.0" encoding="UTF-8" ?>
- <A:FilePropertyMap xmlns:A="adrenalin:">
  <A:factstart xmlns:A="workflow">2001 8 2 0</A:factstart>
  <A:factfinish xmlns:A="workflow">2001 8 2 12</A:factfinish>
  <A:ProjectTask xmlns:A="Serial 2" />
</A:FilePropertyMap>
```

6504

6506

6502

FIG. 66

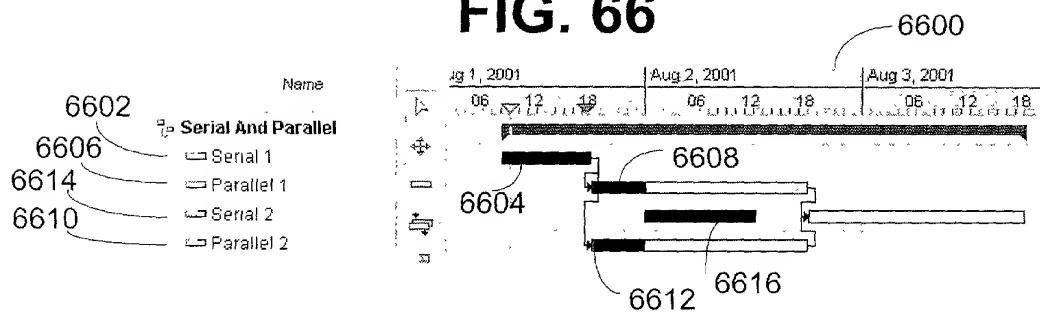


FIG. 67A

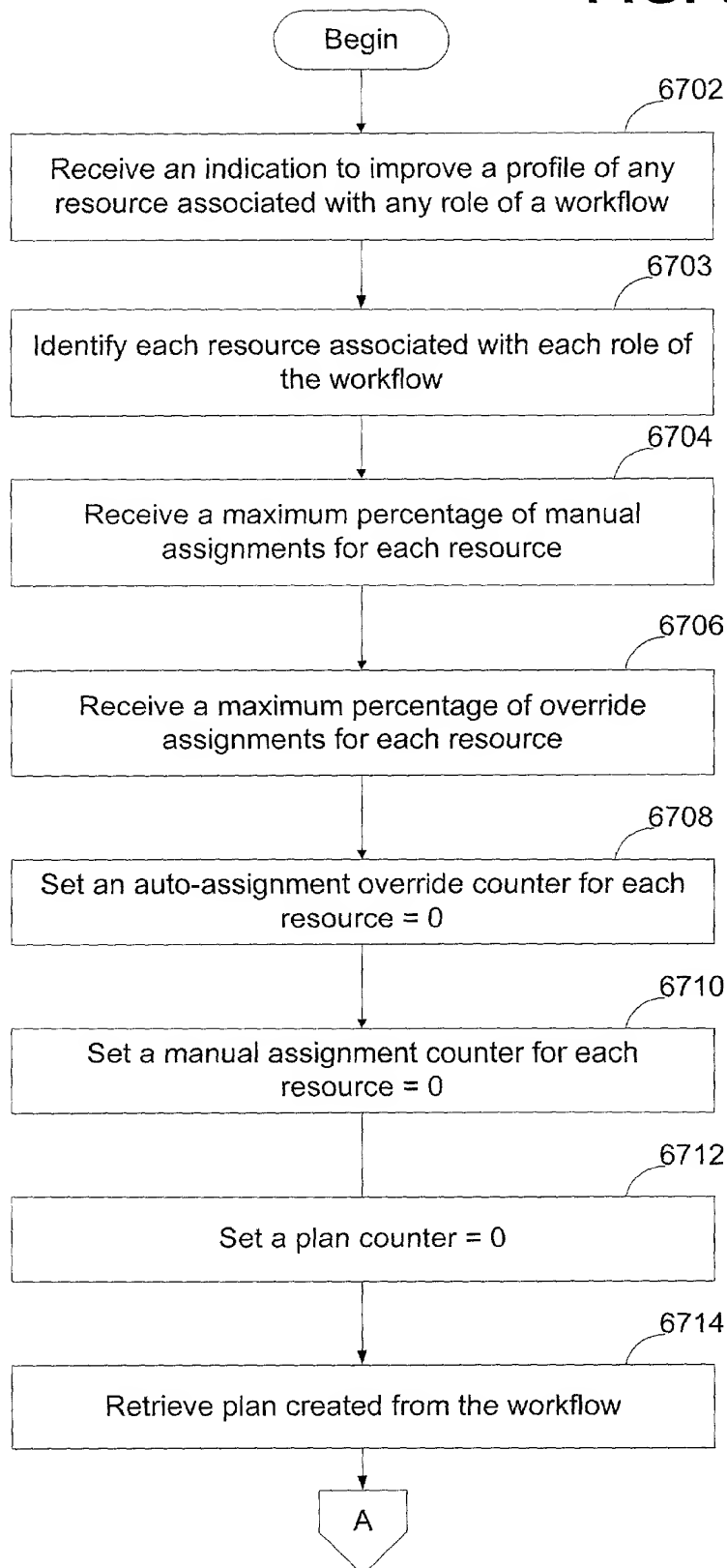


FIG. 67B

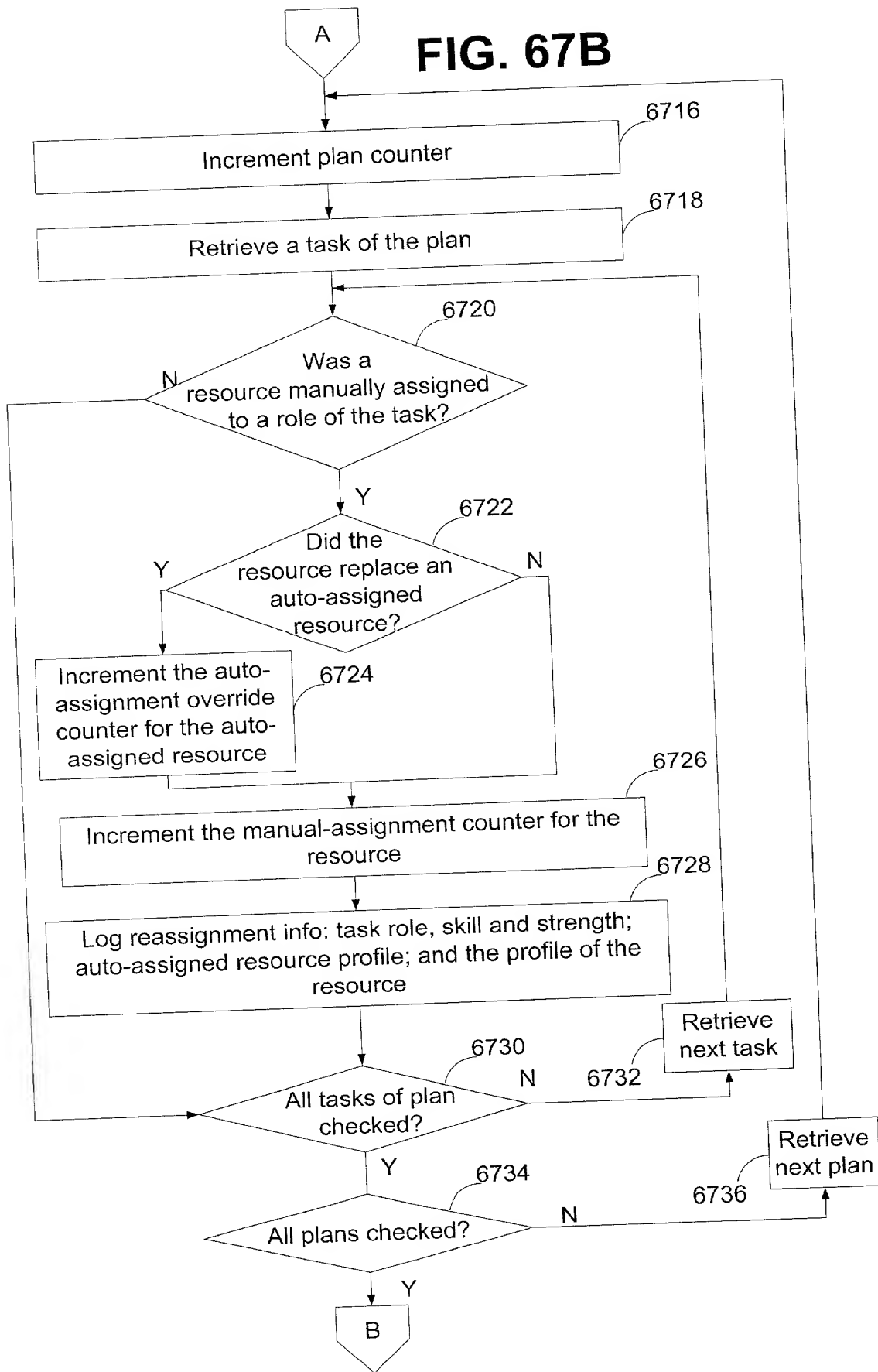


FIG. 67C

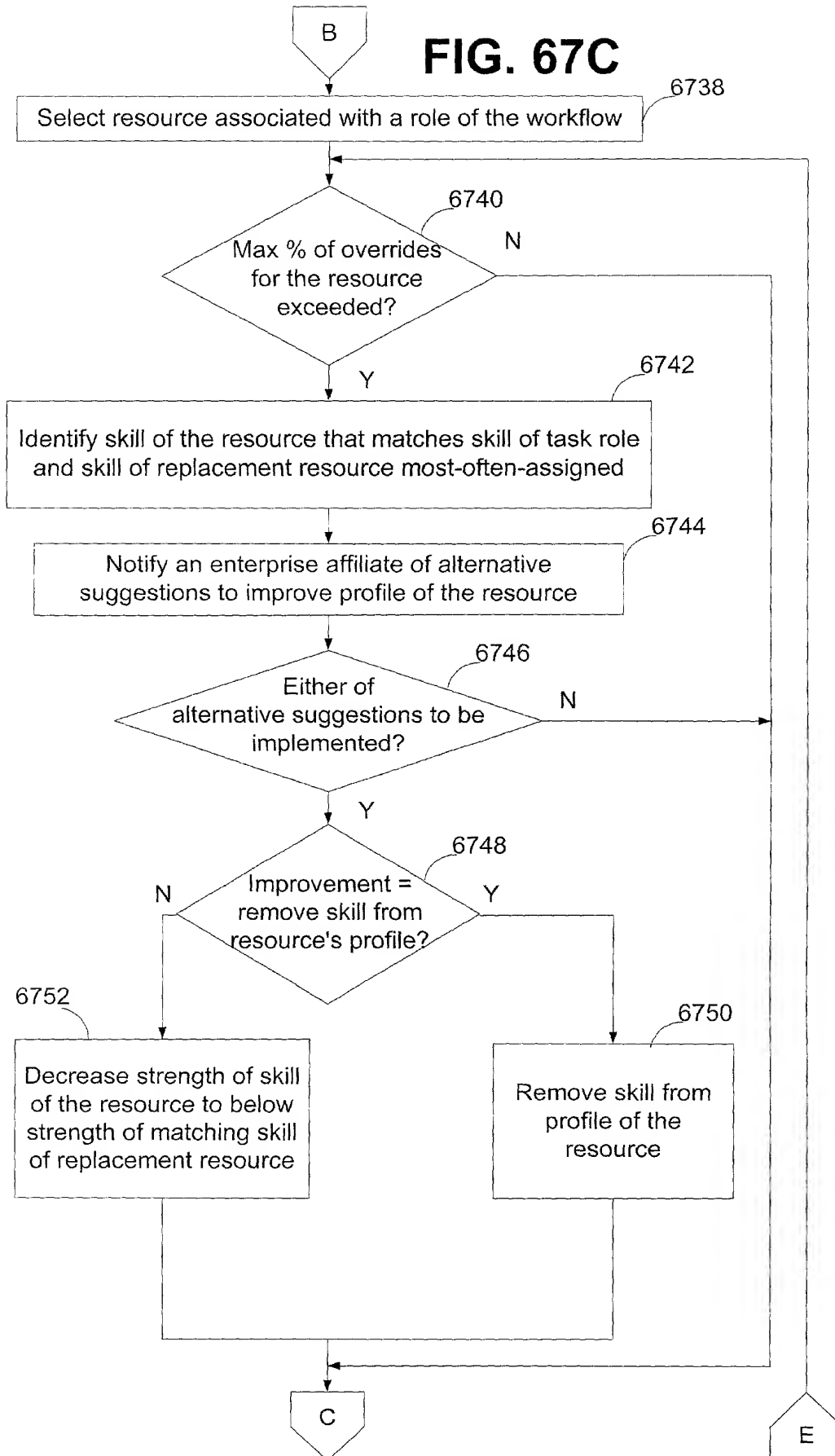


FIG. 67D

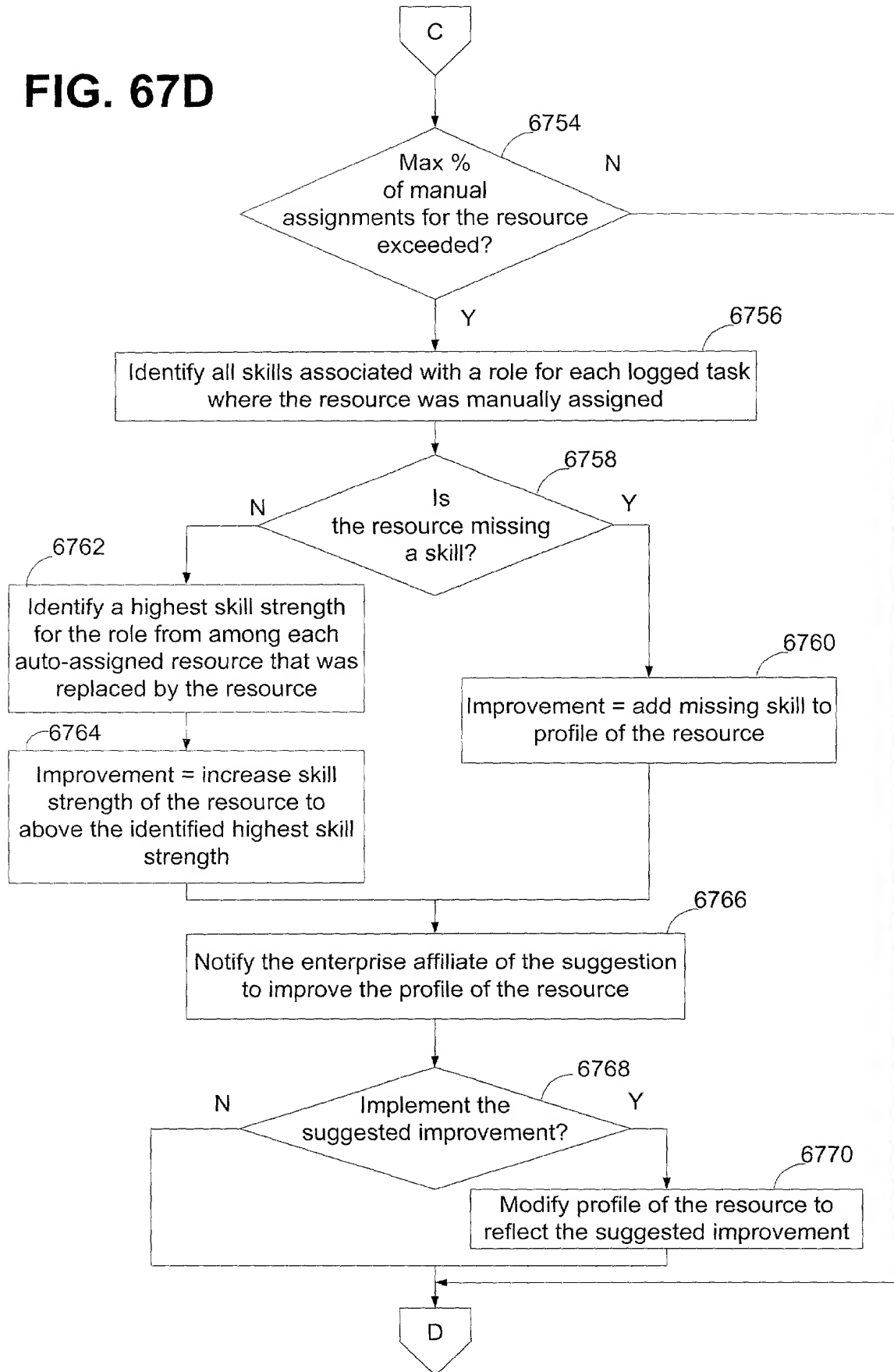


FIG. 67E

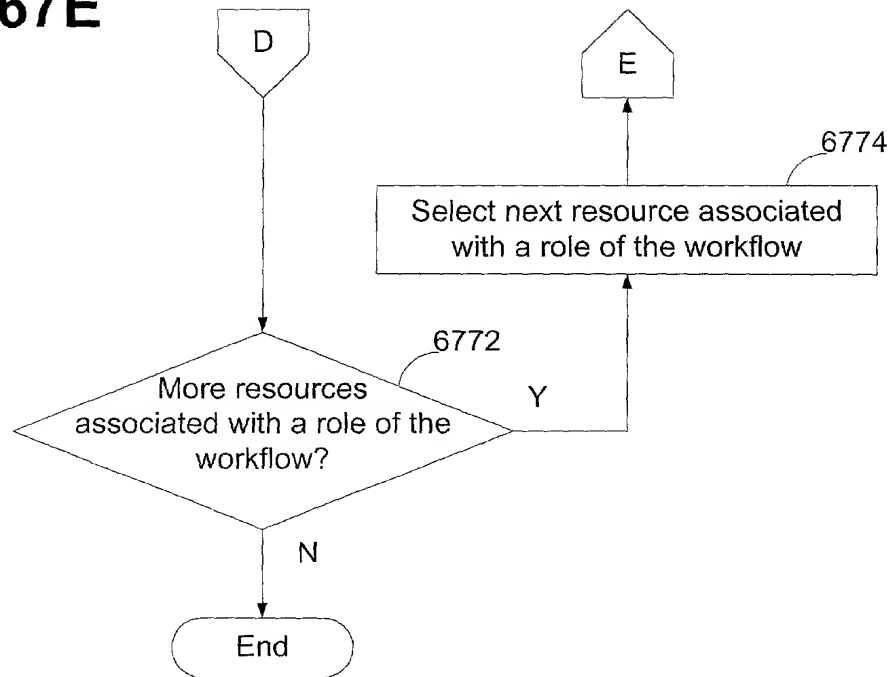


FIG. 68

6800

```

<?xml version="1.0" encoding="UTF-8" ?>
<process group="" name="AssemblyWorkflow">
  <description />
  <role name="Assembler" />
  <activity id="10" name="Get Parts" responsible="Gopher" optimize="yes" minplans="5" max-
    percentage="10">
    <description />
    <defduration units="units" value="1" tolerance="1" optimize="yes" minplans="5" max-
    percentage="10"/>
    <predecessors_id id="11" />
    <successors_id id="55" optimize="yes" minplans="5" max-percentage="5"/>
    <out_artifacts id="1527" />
  </activity>
  <activity id="51" name="Left" responsible="Assembler">
    <description />
    <defduration units="units" value="1" />
    <predecessors_id id="50" />
    <successors_id id="54" />
    <out_artifacts id="1529" />
  </activity>
  <activity id="54" name="Left Special" responsible="Assembler">
    <description />
    <defduration units="units" value="1" />
    <predecessors_id id="51" />
    <successors_id id="53" />
    <out_artifacts id="1531" />
  </activity>
  <activity id="52" name="Right" responsible="Assembler">
    <description />
    <defduration units="units" value="1" />
    <predecessors_id id="50" />
    <successors_id id="53" />
    <out_artifacts id="1533" />
  </activity>
  <activity id="53" name="Complete Assembly" responsible="Master Assembler">
    <description />
    <defduration units="units" value="1" />
    <predecessors_id id="54" />
    <predecessors_id id="52" />
    <successors_id id="12" />
    <out_artifacts id="1535" />
  </activity>
  <activity id="55" name="Get Fasteners" responsible="Gopher">
    <description />
    <defduration units="units" value="1" />
    <predecessors_id id="10" />
    <successors_id id="50" />
    <out_artifacts id="1536" />
  </activity>
  <logic id="50" name="L Or Rt Handed?" responsible="Assembler">
    <description />
    <script>
      - <![CDATA[
        approved()
      ]]>
    </script>
    <predecessors_id id="55" />
    <other_path_id id="52" />
    <other_path_id id="51" />
    <defpath_id id="52" />
  </logic>

```

FIG. 68

FIG. 69

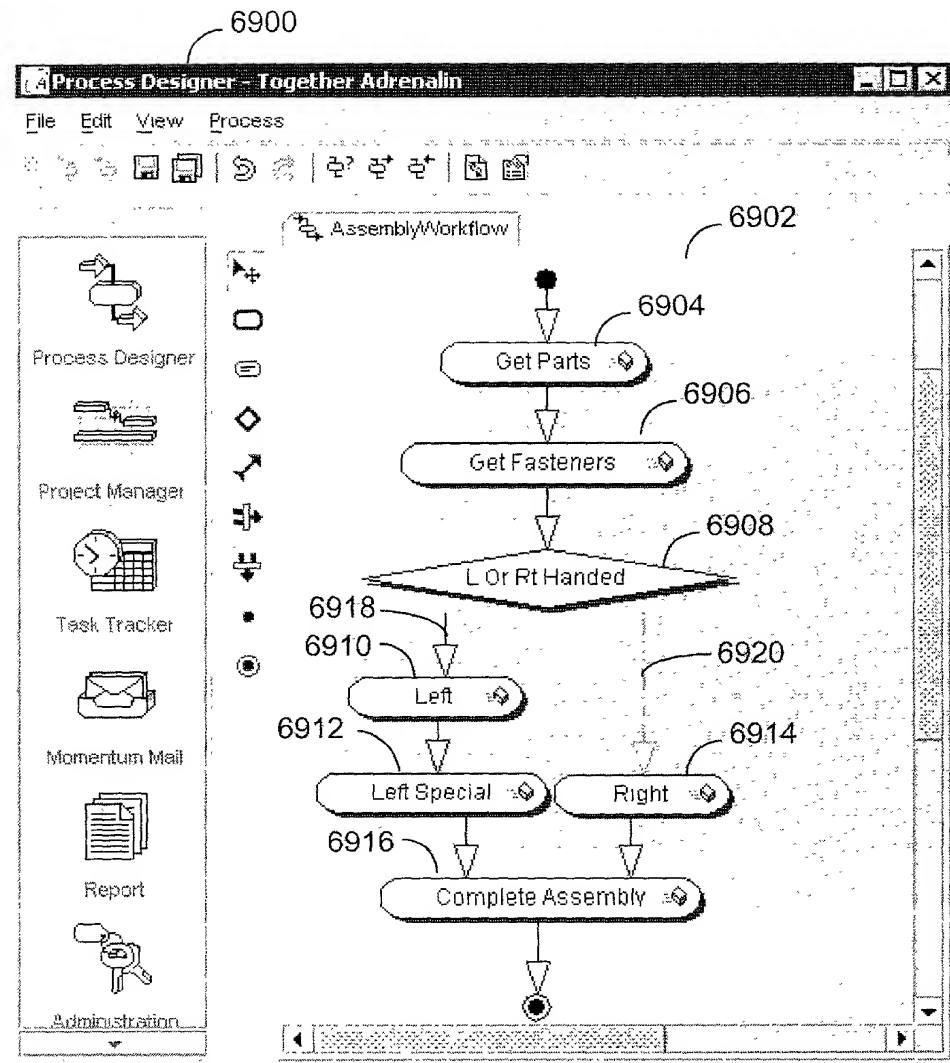


FIG. 70

FIG. 70

7000

```
<?xml version="1.0" encoding="UTF-8" ?>
<workflow roles = "" name = "AssemblyWorkflow"
  processURL="http://localhost:8080/webdav/ProcessGroup2/AssemblyWorkflow.xml" >
  <role>
    <id>1</id>
    <name>Gopher</name>
    <capable resources>
      <userid = "MA"/>
      <userid = "MG"/>
    </capable resources>
    <skillref = "1" strength="4"/>
    <skillref = "2" strength="5"/>
  </role>
  <role>
    <id>2</id>
    <name>Assembler</name>
    <capable resources>
      <userid = "MA"/>
      <userid = "MB"/>
    </capable resources>
    <skillref = "3" strength="5"/>
    <skillref = "4" strength="5"/>
    <skillref = "5" strength="5"/>
  </role>
  <role>
    <id>3</id>
    <name>Master Assembler</name>
    <capable resources>
      <userid = "MB"/>
    </capable resources>
    <skillref = "3" strength="5"/>
    <skillref = "4" strength="5"/>
    <skillref = "5" strength="7"/>
    <skillref = "6" strength="7"/>
  </role>
</workflow roles />
```

7002

7004

7006

7008

7010

7012

7014

7016

7018

7020

7022

7024

7026

7028

FIG. 71

7100

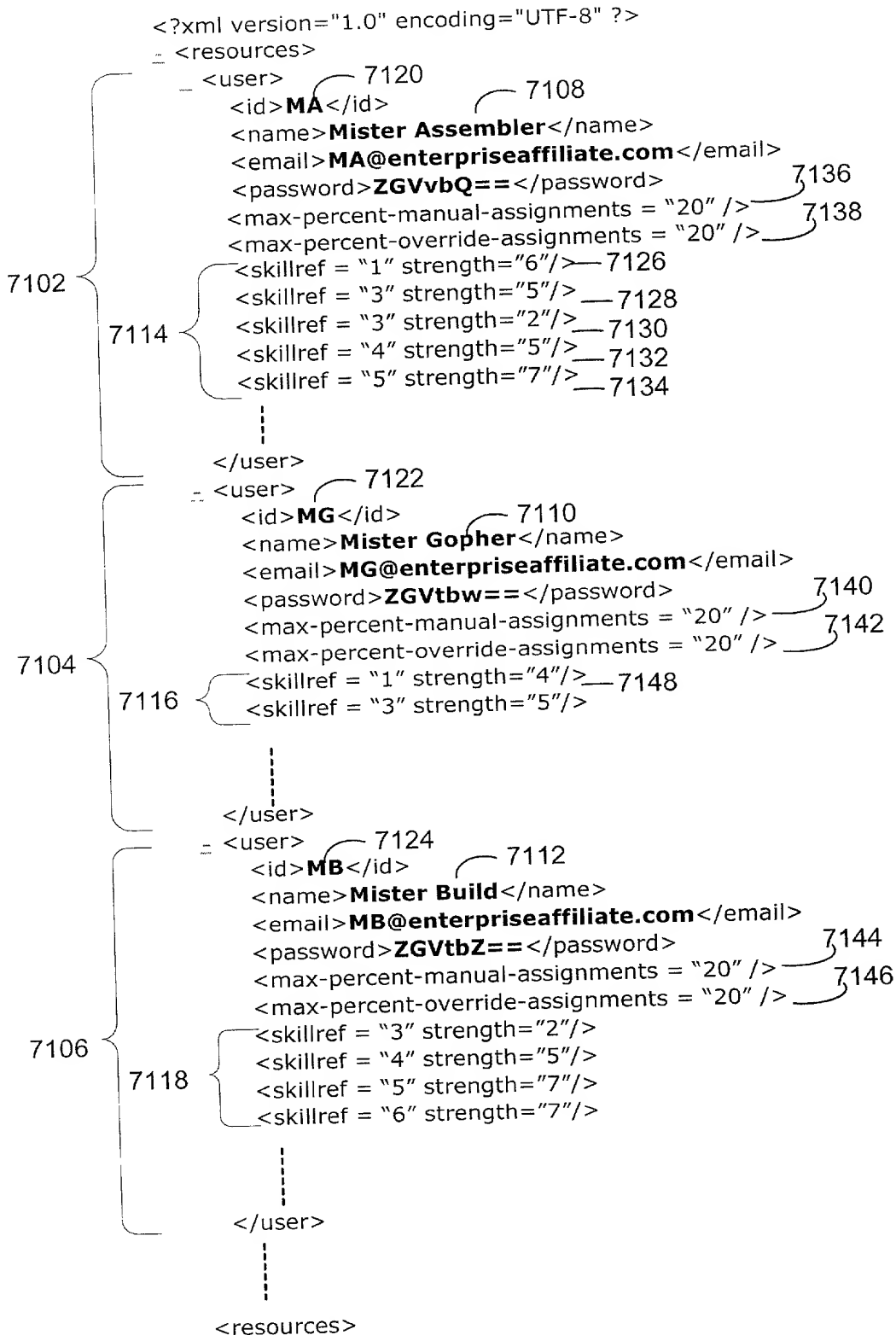


FIG. 72

7200 ↘

```
<?xml version="1.0" encoding="UTF-8" ?>
<role&resource skills>
  7202 { <skill name "enterprise procurement logistics">
        { <id>1</id>
          </skill>
        }
  }
  7204 { <skill name="Chicago plant receiving logistics">
        { <id>2</id>
          </skill>
        }
  }
  7206 { <skill name="electrostatic discharge training">
        { <id>3</id>
          </skill>
        }
  }
  7208 { <skill name "electrical schematic reading">
        { <id>4</id>
          </skill>
        }
  }
  7210 { <skill name="soldering">
        { <id>5</id>
          </skill>
        }
  }
  7212 { <skill name="machine deburring">
        { <id>6</id>
          </skill>
        }
  }
  7214 { <skill name="machine stitching">
        { <id>7</id>
          </skill>
        }
  }
  ...
</role&resource skills/>
```

FIG. 72

FIG. 73A

7300

```
<?xml version="1.0" encoding="UTF-8" ?>
- <A:plan name="Logic_Branch_Project" userid="MA" xmlns:A="workflow">
  - <A:description>
    - <![CDATA[
      No Description
    ]]>
  </A:description>
  - <A:task activityID="10" caption="Get Parts">
    link="Sample_Project_Plans/Logic_Branch_Project/Task_2.xml"
    name="Task_2" 7314
    owner="Gopher"
    processURL="http://localhost:8080/webdav/ProcessGroup2/AssemblyWorkflow.xml"
    type="general"
    userid="MG">
    <A:start>2001 8 7 8</A:start>
    <A:finish>2001 8 7 10</A:finish>
    <A:supertask name="Task_1" />
    <A:user>MG</A:user>
    <A:resource assignment="Manual"/> 7318
    <A:successor name="Task_20" />
    <A:output name="Artifact_3" />
    - <A:event caption="??Event_name" link="http://localhost:8080/webdav"
      method="PROPPATCH" name="Event_4" type="out">
      <A:description>
        - <![CDATA[
          ??Event_desc
        ]]>
      </A:description>
    </A:event>
  </A:task> 7326
  - <A:task activityID="50" caption="L Or Rt Handed?">
    link="Sample_Project_Plans/Logic_Branch_Project/Task_5.xml" name="Task_5" 7328
    owner="Assembler"
    processURL="http://localhost:8080/webdav/ProcessGroup2/AssemblyWorkflow.xml"
    type="logic" userid="MA">
    <A:start>2001 8 7 11</A:start>
    <A:finish>2001 8 7 11</A:finish>
    <A:supertask name="Task_1" />
    <A:user>MA</A:user>
    <A:predecessor name="Task_20" />
    <A:successor name="Task_7" />
    <A:output name="Artifact_6" />
  </A:task>
```



7310 7312 7316 7320

FIG. 73B

```

7330 <A:task activityID="53" caption="Complete Assembly"
      link="Sample_Project_Plans/Logic_Branch_Project/Task_10.xml" name="Task_10"
      owner="Master Assembler"
      processURL="http://localhost:8080/webdav/ProcessGroup2/AssemblyWorkflow.xml"
      type="general" userid="MB">
      <A:start>2001 8 7 13</A:start>
      <A:finish>2001 8 7 14</A:finish>
      <A:supertask name="Task_1" />
      <A:user>MB</A:user>
      <A:predecessor name="Task_19" />
      <A:output name="Artifact_11" />
      <A:output name="Artifact_22" />
      <A:event caption="??Event_name" link="http://localhost:8080/webdav"
        method="PROPPATCH" name="Event_15" type="out">
        <A:description>
          ~ <![CDATA[
            ??Event_desc
          ]]>
        </A:description>
      </A:event>
      <A:event caption="??Event_name" link="http://localhost:8080/webdav"
        method="PROPPATCH" name="Event_23" type="out">
        <A:description>
          ~ <![CDATA[
            ??Event_desc
          ]]>
        </A:description>
      </A:event>
    </A:task>
7340 <A:task activityID="NONE" caption="Logic Branch Project"
      link="Sample_Project_Plans/Logic_Branch_Project/Task_1.xml" name="Task_1"
      processURL="http://localhost:8080/webdav/ProcessGroup2/AssemblyWorkflow.xml"
      type="general" userid="MA">
      <A:start>2001 8 7 8</A:start>
      <A:finish>2001 8 7 14</A:finish>
      <A:user>MA</A:user>
      <A:subtask name="Task_2" />
      <A:subtask name="Task_20" />
      <A:subtask name="Task_5" />
      <A:subtask name="Task_10" />
      <A:subtask name="Task_16" />
      <A:subtask name="Task_19" />
      <A:param name="Document" type="string">
        <A:value>
          ~ <![CDATA[
            document.txt
          ]]>
        </A:value>
      </A:param>
    </A:task>
  
```

7304

7306

7308

7302

FIG. 73C

7350 {
 <A:task activityID="51" caption="Left"
 link="Sample_Project_Plans/Logic_Branch_Project/Task_16.xml" name="Task_16"
 owner="Assembler"
 processURL="http://localhost:8080/webdav/ProcessGroup2/AssemblyWorkflow.xml"
 type="general" userid="MA">
 <A:start>2001 8 7 11</A:start>
 <A:finish>2001 8 7 12</A:finish>
 <A:supertask name="Task_1" />
 <A:user>MA</A:user>
 <A:predecessor name="Task_5" />
 <A:successor name="Task_19" />
 <A:output name="Artifact_17" />
 <A:event caption="??Event_name" link="http://localhost:8080/webdav"
 method="PROPPATCH" name="Event_18" type="out">
 <A:description>
 - <![CDATA[
 ??Event_desc
]]>
 </A:description>
 </A:event>
 </A:task>
 7360 {
 <A:task activityID="54" caption="Left Special"
 link="Sample_Project_Plans/Logic_Branch_Project/Task_19.xml" name="Task_19"
 owner="Assembler"
 processURL="http://localhost:8080/webdav/ProcessGroup2/AssemblyWorkflow.xml"
 type="general" userid="MA">
 <A:start>2001 8 7 12</A:start>
 <A:finish>2001 8 7 13</A:finish>
 <A:supertask name="Task_1" />
 <A:user>MA</A:user>
 <A:predecessor name="Task_16" />
 <A:successor name="Task_10" />
 <A:output name="Artifact_20" />
 <A:event caption="??Event_name" link="http://localhost:8080/webdav"
 method="PROPPATCH" name="Event_21" type="out">
 <A:description>
 - <![CDATA[
 ??Event_desc
]]>
 </A:description>
 </A:event>
 </A:task>
 7370 {
 <A:task caption="Get Fasteners"
 link="Sample_Project_Plans/Logic_Branch_Project/Task_20.xml" name="Task_20" 7372
 owner="Gopher"
 type="general" userid="MG">
 <A:start>2001 8 7 10</A:start>
 <A:finish>2001 8 7 11</A:finish>
 <A:supertask name="Task_1" />
 <A:user>MG</A:user>
 <A:predecessor name="Task_2" />
 <A:successor name="Task_5" />
 <A:output name="Artifact_22" />
 <A:event caption="??Event_name" link="http://localhost:8080/webdav"
 method="PROPPATCH" name="Event_23" type="out">
 <A:description>
 - <![CDATA[
 ??Event_desc
]]>
 </A:description>
 </A:event>

FIG. 74

7400

```
<?xml version="1.0" encoding="UTF-8" ?>
<A:plan name="Logic_Branch_Project" userid="MA" xmlns:A="workflow">
  <A:description>
    - <![CDATA[
      No Description
    ]]>
  </A:description>
```

```
  <A:task activityID="10" caption="Get Parts"
    link="Sample_Project_Plans/Logic_Branch_Project/Task_2.xml"
    name="Task_2" owner="Gopher"
    processURL="http://localhost:8080/webdav/ProcessGroup2/AssemblyWorkflow.xml"
    type="general"
    userid="MA">
    <A:start>2001 8 7 8</A:start>
    <A:finish>2001 8 7 10</A:finish>
    <A:supertask name="Task_1" />
    <A:user>MA</A:user>
    <A:resource assignment="Auto"/>
    <A:successor name="Task_20" />
    <A:output name="Artifact_3" />
    - <A:event caption="??Event_name" link="http://localhost:8080/webdav"
      method="PROPPATCH" name="Event_4" type="out">
      <A:description>
        - <![CDATA[
          ??Event_desc
        ]]>
      </A:description>
    </A:event>
  </A:task>
  <A:task activityID="50" caption="L Or Rt Handed?"
    link="Sample_Project_Plans/Logic_Branch_Project/Task_5.xml" name="Task_5"
    owner="Assembler"
    processURL="http://localhost:8080/webdav/ProcessGroup2/AssemblyWorkflow.xml"
    type="logic" userid="MA">
    <A:start>2001 8 7 11</A:start>
    <A:finish>2001 8 7 11</A:finish>
    <A:supertask name="Task_1" />
    <A:user>MA</A:user>
    <A:predecessor name="Task_20" />
    <A:successor name="Task_7" />
    <A:output name="Artifact_6" />
  </A:task>
```

7410

7412
7416

7420

7430

```
  </A:task>
  <A:task caption="Get Fasteners"
    link="Sample_Project_Plans/Logic_Branch_Project/Task_20.xml" name="Task_20"
    owner="Gopher"
    type="general" userid="MG">
    <A:start>2001 8 7 10</A:start>
    <A:finish>2001 8 7 11</A:finish>
    <A:supertask name="Task_1" />
    <A:user>MG</A:user>
    <A:predecessor name="Task_2" />
    <A:successor name="Task_5" />
    <A:output name="Artifact_22" />
    - <A:event caption="??Event_name" link="http://localhost:8080/webdav"
      method="PROPPATCH" name="Event_23" type="out">
      <A:description>
        - <![CDATA[
          ??Event_desc
        ]]>
      </A:description>
    </A:event>
  </A:task>
```

7400 7410 7420 7430